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DETROIT

WALLACES' FARMER AND Iowa Homestead

Good Farming Clear Thinking Right Living

More Room is needed for big corn crop. Some farmers will solve problem with temporary or ready-built cribs. Others, like Don Hoover, Marshall county, Iowa, are building new permanent storage (above). O. W. Johnson, Marshall (left), has wire ventilators in new 11,000-bushel crib.

Got Enough Cribs?

CRIB room for corn is likely to pay off big this year. It will enable farmers to avoid selling corn during the winter market glut which now appears probable.

With good storage space, you can be sure of getting the loan price of around $1.36 in Iowa. There are two ways to do this:

You can seal corn and get the money for use this winter. Or you can sign a purchase agreement, which is really an option to sell at the loan price.

But you can't use either plan unless corn is stored on a floor and under a roof. If you don't have enough crib room, there are ways to provide it:

1. Build or buy permanent cribs. There are ready-made permanent cribs for sale.

2. Buy or build semi-permanent cribs. Plans are available for making such cribs. Several types are offered for sale.

3. Build a strictly temporary crib. These can be made of poles, snow fence and used lumber if you have any around the farm.

For more dope about the corn crop and corn storage, read the stories on pages 5, 22 and 23.

Your Vet Leads Busy Life . Page 8

When Hog Prices Go Down . Page 16

How To Beat Hay Shortage . Page 24

Who Pays For Fertilizer? . . Page 26

SEPTEMBER 4, 1948

IOWA'S LEADING FARM NEWSPAPER

The Ford Model F-5 truck shown is but one of over 139 Ford Bonus Built Truck models available to meet practically every trucking need.*

Life histories of 5,444,000 trucks prove . . . Ford Trucks Last Longer!

The Proof! Certified Proof!

The life histories of trucks . . . farm trucks, city trucks, all kinds of trucks, in fact 5,444,000 of 'em . . . have now been traced through license registration records.

Wolfe, Corcoran and Linder, leading New York City life insurance actuaries analyzed the records of all trucks of the five sales leaders . . . 5,444,000 trucks in all . . . and proved that Ford Trucks last longer. They certify that the life expectancy for Ford Trucks is greater than the life expectancy for each of the other four.

The Reason! Bonus Built Engineering!

Ford Trucks last longer because they're Bonus Built. The essence of Bonus Built engineering is EXTRA STRENGTH. Extra strong construction means longer wear. It also makes Fords good all-around workers.

The Payoff! Lower Costs!

Longer truck life spreads ownership costs over more years, lowers the cost per year. What's more, the fact that Ford Trucks are *used* longer than others is good evidence that they set a high standard of economy in gas mileage, oil mileage, and in every important way. Check with your Ford Dealer to see how he can help you solve the problem of today's fast rising transportation costs. See him today!

*BONUS: "Something given in addition to what is usual or strictly due"—Webster

FORD 1948 — Bonus Built — TRUCKS 1958

BUILT STRONGER TO LAST LONGER

Special Offer

—September only with order for ½ ton or more of

MoorMan's POULTRY MINTRATE 40

This Special
5-FOOT FLOCK FEEDER
with Aluminum Hopper that retails for $6.25
FOR ONLY $3.29

This special offer is made to better acquaint you with this great poultry concentrate—to let you prove to yourself the extra egg profits MoorMan's Poultry Mintrate 40 will give you *at less out-of-pocket cost!*

MOORMAN'S POULTRY MINTRATE 40 is a highly mineralized protein concentrate, plus vitamins D—the sunshine vitamin, and G—riboflavin. It contains 6 sea food, animal, and vegetable proteins, plus MoorMan's Poultry Minerals (13 ingredients), supplying all the minerals laying hens are known to need. A product of Moorman research—a little goes a long way.

Only 3 to 4 pounds a day mixed with your own home grown feed keeps 100 hens at top production peak, at an out-of-pocket cost for feed of less than $3 a hundred pounds.

To save money—and get more eggs, ask your MoorMan Man about this sensational special offer. Moorman Mfg. Co., Quincy, Ill.

SELF FEED, OR MAKE YOUR OWN EXTRA QUALITY LAYING MASH

CONTAINS ONLY WHAT YOU NEED AND CAN'T RAISE

BALANCES 4 TO 7 TIMES ITS WEIGHT IN GRAIN

LOWER OUT-OF-POCKET COST

CONTAINS 3 TIMES AS MUCH MINERALS—TWICE AS MUCH PROTEIN—ONLY HALF AS MUCH NEEDED—COMPARED WITH THE AVERAGE LAYING MASH

1. Made for a 50 bird flock!
2. Movable partition to regulate ration!
3. Heavy sheet aluminum—won't rust or corrode!
4. Grid folds back for cleaning and filling!
5. Rigid channel-steel legs!
6. A feeder made especially for feeding MoorMan's Poultry Mintrate 40.

OTHER WAYS TO GET THIS FEEDER AT GREATLY REDUCED PRICE

Ask your MoorMan Man about other special offers on this great Flock Feeder during September.

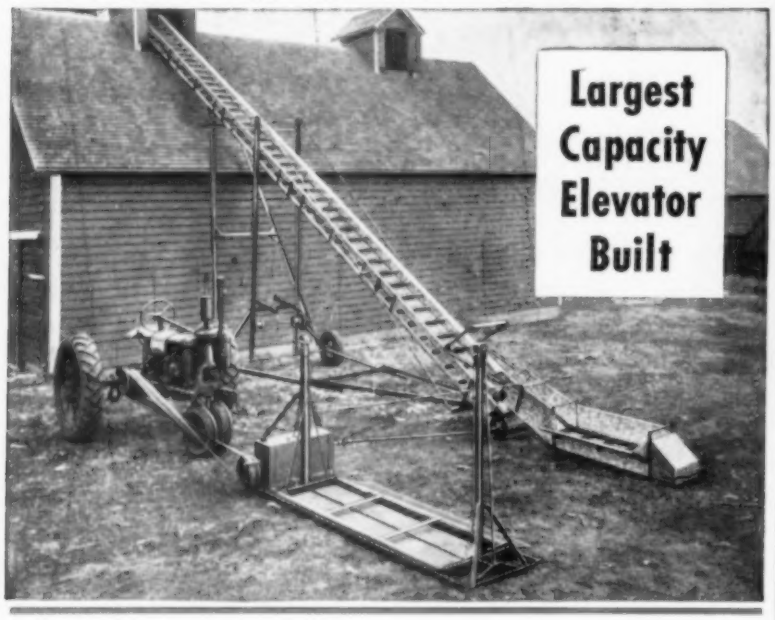
MoorMan's

Since 1885

CUSTOM-MADE MINERAL SUPPLEMENTS AND PROTEIN CONCENTRATES

—developed and proved on the world's largest mineral experiment farm

NEW All-Purpose *Kewanee*



Tops for Ear Corn, Bales and Grain

NEW EXTRA CAPACITY!—40% greater capacity than ever before—vitally important in these days of modern high-speed tractors, two-row pickers, combines and balers. The KEWANEE elevates faster . . . with big *extra* capacity in reserve. No need to overload the new KEWANEE . . . it's the largest capacity portable elevator built.

NEW EXTRA STRENGTH!—Stronger, more rugged than ever! Designed and built with extra strength in every vital part. Handles bigger loads faster and easier with less strain and less wear.

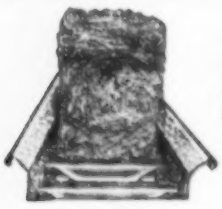
NEW PLUS-BUILT CONSTRUCTION!—New basic engineering improvements that give new elevator performance never before thought possible. You get greater dependability . . . freedom from breakdowns and expensive delays . . . ease and economy of operation.

NEW LONGER LIFE!—Because KEWANEE Elevators are built bigger and stronger, they work easier and last longer. Rust-resisting, copper-alloy, galvanized steel construction . . . lasts for years.

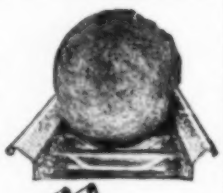
The New KEWANEE is truly the elevator of tomorrow . . . engineered for big capacity and heavy duty. It has pioneered and perfected an entirely new standard of elevator performance.

Be ready for harvest this year . . . with the elevator that will store your crops faster, easier and at less cost. Choose the new, big capacity KEWANEE. Don't send a boy to do a man's job. Don't settle for less than America's No. 1 Farm Elevator this year.

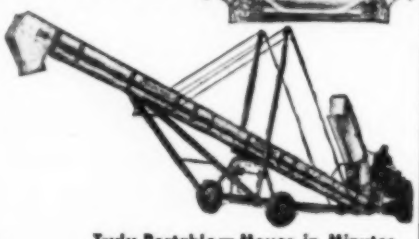
See your KEWANEE Dealer. Send postcard today for **FREE** 24-page Elevator Catalog. Make sure—get all the facts before you buy any elevator.



It's Tops for All Baled Crops
Wide clearance for bales of all sizes and shapes • Handles the new, bigger ears of hybrid corn without crowding or shelling.



New Hydraulic Hoist
Speeds unloading of big trucks and wagons. Built-in speed jack • KEWANEE Engineered.



Truly Portable—Moves in Minutes
Easy to move from crib to crib or from farm to farm • Backs into position in a "jiffy."

KEWANEE MACHINERY & CONVEYOR CO., KEWANEE, ILLINOIS

BIG CAPACITY *Kewanee* **PORTABLE ELEVATOR**

Makers of the Famous KEWANEE Folding Harrow

Temporary corn crib on farm operated by Eugene Hogan, Buchanan county, Iowa, is in better shape than most. But Hogan says he must provide more crib space to handle 140-acre crop this year.

INSIDE STUFF

WHAT IS MEANT by "cheap corn"? It depends on the year. Today, folks talk about $1.35 corn as "cheap."

▲ ▲

THAT WAS NOT what we meant by "cheap corn" in 1932. Suppose, back then, some magic had flashed before you a copy of this September 4, 1948, issue of Wallaces' Farmer and Iowa Homestead.

▲ ▲

WOULD YOU have believed the talk about $30 hogs? Or the references to corn prices slumping 'way, 'way down to $1.35 this fall?

▲ ▲

IT IS ALWAYS hard to look ahead. A farmer, in June, 1920, with corn at $1.68, would have thought you were joking if you had told him that corn would be down to 28 cents in a little over a year.

▲ ▲

YET THAT is exactly what happened in November of 1921. No corn loans then. It is good indoor sport figuring what would happen today if the corn loan weren't on hand.

▲ ▲

I ASKED recently about use of 2,4-D on corn this year. Early weeds didn't do much. The dry weather checked them. But what did late spraying do to check cockleburs and other late-sprouting weeds?

▲ ▲

KERMIT COONEY, of Adams county, Iowa, writes: "We have a mounted power sprayer which sprays six rows of corn at a time. We use the amine form of 2,4-D and mix one-half pint to five gallons of water, and use about 40 pounds of pressure.

▲ ▲

"A 50-GALLON barrel will spray about 10 acres. The corn was about 15 to 16 inches high. We found that, after we sprayed, the corn was very tender for three or four days, but it strengthened up later.

▲ ▲

"THE CORN we sprayed is about a foot higher than corn not sprayed. And we've found that 2,4-D is a very effective control for cockleburs."

▲ ▲

THAT'S GOOD NEWS. Judging from the way button-weeds and cockleburs sprang up after the late rains, a lot of fields would have profited from 2,4-D spraying about the time of the last cultivation.

▲ ▲

LET'S HAVE MORE reports on 2,4-D experiences. We're going to use these sprays more and more. Experiences this year will help to guide us next year.

▲ ▲

GREMLINS or goblins or something else changed 2,4-D in my column last time to a different set of letters. But, as most folks guessed, 2,4-D is always what you use when you spray weeds.

▲ ▲

UP IN WEBSTER county, Iowa, the other day, I was told that livestock population was coming down. Farmers were using new machinery to work bigger acreage, but were reducing livestock.

▲ ▲

HOT DAYS in late August kept some folks from worrying about soft corn. But they brought anxiety about drouth injury to some farmers.

▲ ▲ ▲

THIS WAS A GOOD season. But, no matter how good the year, there are always a few spots that are skipped by local showers.

DONALD R. MURPHY.

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Too Many Bins were torn down, shipped away or sold. Now Iowa has only one-third the CCC storage space it had in 1940. This picture was taken at Minburn, Dallas county, Iowa, when some bins were being dismantled for shipment to wheat country.

"Don't Buy More Bins"

That's What Congress Has Said to CCC, Which Needs More Storage Space for the Bumper Crop of Corn

FARMERS got a kick in the stomach from the last congress when it told the Commodity Credit Corporation not to buy more storage space or lease more land to put new bins on.

Farmers didn't know it at the time. Neither did many congressmen.

It was a "joker" that was slipped over. Farm leaders now say that the grain trade planted this "joker."

This section of the law may cause farmers huge losses and upset the ever-normal program unless the next congress speedily repairs the damage.

Here is what the law says. Read it carefully:

"The corporation (CCC) shall NOT have the power to acquire or lease any such plant or facility (for storage, processing, etc., of grain), or to acquire or lease real property or any interest therein, except that it may rent or lease office space necessary for the conduct of its business, and it may continue to lease, by renewing or extending leases or entering into new ones, property leased by it on the date of this act."

What does this mean? It means that CCC can not:

1. Buy any more bins or cribs.

2. Rent any more land on which to set the bins and cribs CCC now owns.

So CCC storage space may shrink instead of grow. If the owner of land occupied by CCC bins should refuse to renew, CCC can not rent new ground. With no place to put the bins, they would have to be sold.

How does this affect the farmer?

Farmers who take out corn loans may decide to deliver the corn next summer to CCC instead of paying off the loan.

Farmers who take out purchase agreements may decide to sell to CCC at the loan price some time before September 1 in 1949.

That would mean CCC would have dumped on it great supplies of corn—in Iowa, and of wheat—in the big wheat states.

Where would CCC put this corn and wheat?

Under the law, it can lease terminal elevator space. But what if elevators are full? And what if those with storage space to rent should prefer to let grain pile up so that the market price would go down?

Leroy K. Smith, director of the grain branch of the agriculture department's Production and Marketing Administration, says this crippling amendment was put in at the insistence of the grain trade.

Grain trade representatives appeared at hearings to ask for such limiting provisions.

Several senators insisted CCC should have power, in an emergency, to provide storage. But H. E. Sanford, of Portland, Ore., spokesman of the National Grain Trade Council, insisted there was enough storage space—for normal crops.

Senator Lucas, of Illinois, asked: "You would not permit the government to intervene, in helping the farmer use any government facilities to store his wheat and corn?"

Sanford replied: "I do not think it is necessary for the government to build facilities."

Roger C. Slaughter, of Kansas City, Mo., counsel for the grain markets at Chicago, Kansas City and Minneapolis, and for the North American Export Association, backed up Sanford.

Slaughter told the congressional committee: "We certainly think the corporation should be denied the power to own real property. . . In this country, we have, in normal times . . plenty of railroads, plenty of boats, plenty of storage."

But is this a normal year? So farmers ask as they watch the corn grow.

This restriction, say USDA officials, is bound to weaken the grain price support program.

Leroy K. Smith explained that if next year's corn crop prospects are favorable, much of this year's corn crop put under loan will be turned over to CCC instead of the loan being repaid.

"What would CCC do with the grain?" Smith asked. "It will not have enough storage space of its own. Farmers would want the government to take the grain, so their own cribs and bins would be ready for the new crop."

Smith said the CCC might possibly have to take over at least 150 million bushels of wheat and 350 million bushels of corn. Some oats, barley, grain sorghums and beans might also be turned over to CCC.

The new congress, to meet in January, 1949, will be asked to change the law so CCC can meet the situation. But much valuable time has been lost.

Farmers are advised to take out corn loans and to sign purchase agreements. But, to be sure that this program can be carried on in 1949, CCC must be given back its old powers.

We're Short On Steel Grain Bins

"Before Pearl Harbor, Iowa had 70 million bushels of storage space in CCC bins. Now, the CCC has only 20 million bushels of storage space in Iowa.

"Before October, 1949, Iowa is going to need, in CCC storage capacity, around 50 million bushels of storage space. And we have only 20 million.

"Worst of all, the CCC is prohibited by law from buying any more bins or leasing any more land to set these bins on." — Hervey Hazen.

Hervey Hazen, Chairman, Iowa PMA Committee.

Editorials

Your Corn Loan Is In Danger

SUPPORT prices for farm products are under fire. The program has already suffered a severe defeat.

The present congress, in providing a federal charter for the Commodity Credit Corporation, has made it impossible for CCC to do its work.

Paragraph h, Section 2, of Public Law 806, provides that CCC can not buy more storage space nor lease more ground for storage facilities it already owns.

What CCC should be doing now is to stretch every effort to increase storage space. The nation will need a place to put heavy reserves of grain.

But congress has made that action impossible. Turn to page 5 for details.

If corn loans are to be continued, and work as they were intended to work, the next congress must—in early January, 1949—repeal this paragraph and let CCC provide more storage space.

In every congressional district, farmers should ask their candidates for congress this question:

"Will you work for the repeal of Paragraph h, Section 2, of Public Law 806?"

What this means is: "Do you favor revising the law so that CCC can provide the storage necessary to keep the corn loan program working?"

See your congressional candidates now.

LUNCH-TIME!

Every farm husband has to do this once in a while. Clarence Eike, of Delaware county, Iowa, seems to know how.

Linda Marie, tho eating heartily, frowns at the photographer. She is probably thinking: "There won't be much more of this. I'll be sitting up at the table with the family soon."

Every Man's A King While Boom Is On

FROM now on, it will be a lot tougher. A good many business men and many farmers have got the notion that they are pretty smart. Maybe so. Maybe not.

Since 1940, if a fellow bought something and held on for a while, he'd make money. Even poor managers would make enough out of the rise in prices to make up for what they wasted.

Some farmers have got the wrong idea from this. They think they can get along by themselves. Look what they've done since 1940!

The fact is that anybody can make money in a boom. When things tighten up, it's different.

Farmers need their cooperatives, their farm organizations, their state legislature and their national government. Those needs will show up stronger than ever.

Ever run into a farmer who was saved by a federal farm loan, saved again by a corn loan, saved finally by government purchases during the war? And who said: "I don't ask help from anybody. I can run my own show."

No farmer, by himself, can buck the big corporations and the big labor unions. No farmer, by himself, can even protect the soil of his own farm.

He must work with other farmers in his water-shed. He must work with other farmers in his county, in his state and over the nation. He must use the power of the state legislature and of the congress to aid farmers in working together as groups.

It may be all right to be a rugged individualist when things are going up. But it is safer to be one of a band of brothers when prices start down.

To Eat Up Cheap Corn

Do You Have Enough Pigs And Chickens On Hand?

CHEAP corn and high livestock! That's ideal for folks who have the livestock. How are you fixed?

If somebody had told you last November how big the 1948 corn crop would be, you might have planned livestock production better. But nobody did. Nobody could.

One trouble with farming, of course, is that a fellow has to figure a long way ahead. Pigs don't hatch out overnight.

Every farmer who decided last November on how many sows to hold for spring litters was forced to guess about the state of business in 1948, and the size of the 1948 corn crop.

Because many were doubtful about the future, and because feed was high, the 1948 spring pig crop was cut down.

TODAY, it is clear enough that it would have paid to have more pigs, and more chickens, on hand this fall. Corn is going down.

But farmers had to decide last winter. What help did they get in deciding?

State colleges, extension service, the federal Department of Agriculture, all helped let farmers know how things were shaping up.

Wallaces' Farmer and Iowa Homestead helped, too. We've selected a few comments from last winter's issues. Actually, we published 30 columns or more on the same theme:

NOVEMBER 1, 1947: Plan for all the spring pigs you can feed in 1948. . . . If we have a good 1948 corn crop, corn may be a lot cheaper than hogs a year from now.

DECEMBER 20, 1947: Plan to raise all the spring pigs next year that your feed will carry. Prices ought to be good. . . . One bumper crop could turn a corn shortage into a surplus.

FEBRUARY 7, 1948: By most estimates, feed will be cheaper next fall than now. Late spring pigs will be fattened on cheaper corn. Pullets hatched in 1948 will be fed cheaper laying rations next winter.

FEBRUARY 21, 1948: If we have ordinary weather this summer, we might have cheap corn and dear hogs next fall. . . . Sows can still be bred for late litters. And don't sell any bred sows you have on hand.

MARCH 6, 1948: Milk, butter, eggs, pork, etc., will be worth more than corn, hay, etc., next fall. Will you have enough pigs, chickens, cattle, etc., to furnish a market for the crops you raise? . . . Order plenty of chicks. Plan for more early summer pigs.

THAT advice turned out pretty good for those who followed it. Many of our subscribers did.

Wallaces' Farmer and Iowa Homestead keeps trying to help readers who must, like all farmers, plan their work a year or more ahead. We'll continue to pass on to you everything we can find that will help you now and in 1949.

Will 121 Million Pigs Break Market?

THIS year, the ever-normal granary will begin to fill up again. Next year, with good weather, it may overflow. Last time the ever-normal granary filled up with corn, we turned a lot of it into hogs. We unloaded our pre-war surplus of corn into the pig crops of 1942 and 1943.

Production of hogs was terrific. But the war demand kept the price good, anyway.

If we build up another surplus, and then turn it into hogs—in 1950 or later—what happens to prices? If we get $20 per hundred for a pig crop of 82 million head, what would we get for a crop of 121 million head?

That depends on pay rolls. If folks are earning and eating as in war-time, they can handle that kind of a pig crop just as well as in 1943.

Farmers need to try to avoid overstoring corn on one hand and overproducing hogs on the other. Always, they need to help the rest of the nation increase industrial production and increase pay rolls.

Americans will eat and pay for a lot of pork if their pocketbooks are fat enough.

Consumers Angry At Farm Law

CONSUMERS of food are going to hit the new congress in 1949 with a wave of protest that threatens to end the whole price-support program.

Consumers now are pointing to the big corn crop and asking: "Why isn't pork cheaper?" And they answer themselves: "Because the government is spending taxpayers' money to keep farm prices up."

Now, farmers know that it takes a year after a big corn crop to get more pork on the market. But consumers don't.

And farmers know that the government is not supporting prices on livestock. And livestock prices are the ones consumers are kicking about.

Some city folks know that farm supports—right now—are helping the whole nation. Business Week says:

"Ordinarily, the threat of a surplus in cotton and grains would have touched off a wave of liquidation in the commodity markets. Panic could have spread swiftly to manufacturers and distributors. Heavy inventories . . . would have tumbled onto the market. It wouldn't take much of that to knock a boom on the head."

But support prices for wheat, corn and cotton prevented the start of a 1948 panic.

The Chicago Sun-Times says, after noting the importance of farm purchasing power and indicating that "our economy will collapse" if farm income is not high:

"As these crops come in, the inflation in food will end, food prices will slip, and the support policy will be put to its first big test in years. If, at this critical moment, we abandon the program, we will be begging for economic disaster. . . ."

These are sensible words. But they can be matched by a hundred editorials from city newspapers which claim that government supports must be snatched away.

Let no farmer fool himself. We are going to have a desperate fight next winter to keep supports at sensible levels—perhaps at any levels at all.

Odds *and* Ends

CORN speculators are betting that farmers won't have enough cribs to take care of the crop. That's why December corn is under the loan price.

HOW'S your crib space? Get materials lined up at once, for permanent or temporary cribs. There will be a rush later.

IOWA lost another Master Farmer in the death of Lewis T. Newton, of Marion county. Newton was made a Master Farmer in 1928, but he continued to earn the title over again in work as AAA chairman and on the draft board of World War II.

IOWA Farm Outlook Letter says that if you buy feeders at $27, you'll have to get $26 to break even when they go back. Even with corn at $1.35.

IF THE steer sells at $20, you'll lose $62 a head. If at $35, you'll make $86 over cost of feed plus cost of steer.

BOOST in exports of soybeans may be necessary to keep the crop from dropping below the support price of $2.17. Watch out for panicky selling in beans at harvest time this year.

OIL crops and lard aren't dropping in price as fast as corn. But heavy hogs may take some price punishment later on in the winter.

DON'T sell your corn below the loan level. A lot of folks are going to try to get it at bargain prices this winter.

GET all your corn under cover. Seal it if you need a loan. If you don't, sign a purchase agreement. That means CCC must take the corn, at loan price, when you deliver later.

FEWER beef cattle will be held for marketing after the first of the year. Beef shipments may ease off as hog marketing gets heavier.

TELL your city friends that it takes a year after a big corn crop before it can be turned into more hogs or eggs. And high hog prices now are not caused by high support prices.

THE government is pledged to support hog prices at $16.40. Everything above that is the result of pork-hungry folks, with money, bidding against each other.

KEEP your spring pigs gaining. A lot of pigs will be held back to fatten on new corn. The pigs that get in ahead of the rush will sell high.

GET your early pullets into the laying house soon. They'll do better if you keep them away from the old hens.

WHILE you're figuring ahead, think about real early spring pigs in 1949. What do you need to do this fall to fix up housing for them?

MANY farmers will go into pigs in 1949. The ones who have pigs come extra early may do the best. But there's no sense in trying to have pigs come early unless you have warm, dry quarters for them.

DRAFT boards have a tough job deciding whether a young farmer is marketing a "substantial quantity" of essential foods.

WILL some farmers buy a farm for the boy in order to keep him out of the draft? Letters to the editor raise the question.

NEW YORK has suspended for one year the law that says oleomargarine can not be served in state institutions. Other states are considering similar action.

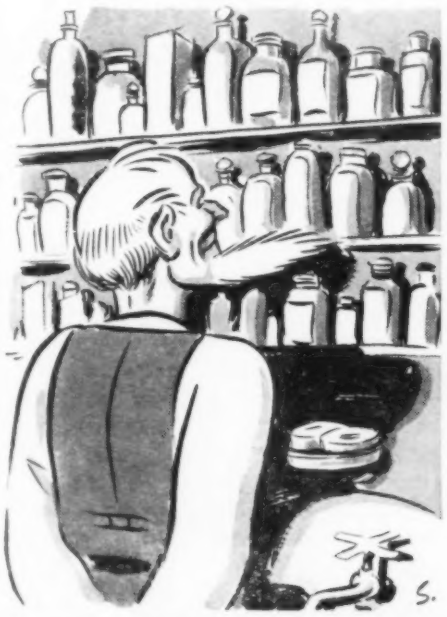
IMPORTS of food into Great Britain will be cut as time goes on. Now the British government pays 20 per cent of Britain's food bill as a subsidy to consumers. When that subsidy is reduced, imports will drop.

LOW-QUALITY poultry is reported to be hard to move, even tho consumers are anxious for substitutes for beef and pork. Maybe dealers haven't been paying enough for good poultry, and have been holding selling prices of poor poultry too high.

CHEERFUL note about the future is supplied by some New York financial experts. They say that most folks are saving more and spending less than you would expect in the usual inflationary period.

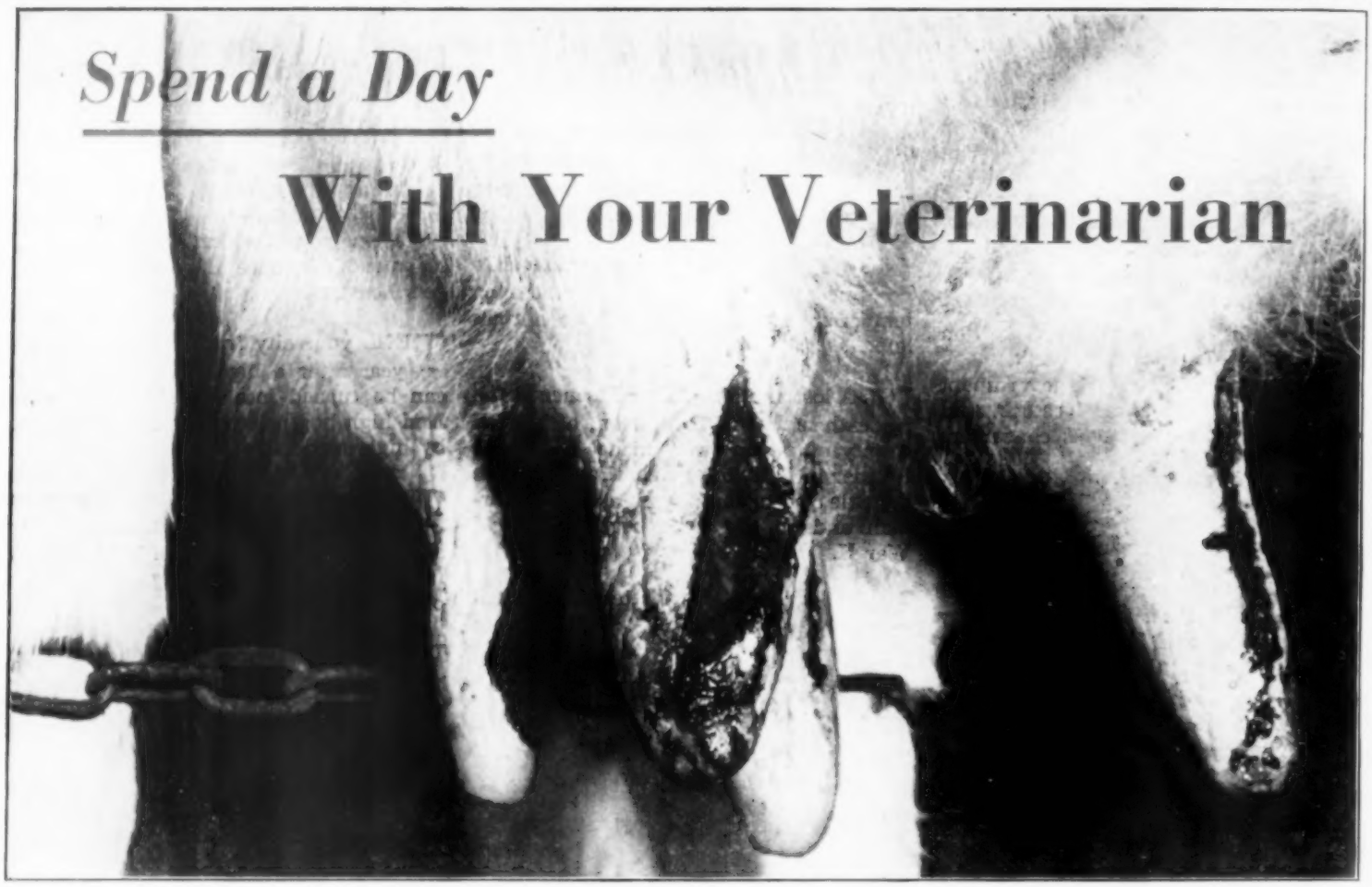
Song of the Lazy Farmer

IT'S FUNNY how my stomach works, it has the most peculiar quirks; it never gives me any pain until my wife starts to complain. When she gives me some nasty job, sometimes my tummy raises hob, I double up with suffering and grit my teeth like everything. Then I head for the bathroom shelf for medicine to cure myself, and with a bottle and a spoon I act like I'm about to swoon; I gasp and take a dose or two and like as not before I'm thru Mirandy has forgot that she had tried to get some work from me.



This is an old trick, I admit, but I get lots of good from it; Mirandy's wifely sympathy keeps her from gettin' wise to me. She may suspect that it's a fake, and yet she never dares to take a chance for fear I'm really sick; so her tune always changes quick, she fusses 'round just like a nurse until I almost think I'm worse. And when I say that I'm all right, Mirandy has had such a fright that she gives me a new command and tells me not to raise a hand. There's just one catch, which is that I won't get a piece of dinner pie.

Spend a Day With Your Veterinarian



Bossy jumped the fence. Here's a job for the veterinarian.

"So you think you're busy! Try the life of a vet some day." Thus challenged, a Wallaces' Farmer and Iowa Homestead reporter followed a veterinarian for one day.

Here are a few high-lights from the one-day trip with a Plymouth county, Iowa, veterinarian.

PIGS were Dr. X's first patients on this day. They looked thrifty. But one had died, another appeared "off." Dr. X took the pig's temperature.

"Higher than it should be," was his report. He continued thinking out loud: "One of them died suddenly; this one has large joints and fever—it might be erysipelas."

"Do you expect to vaccinate these pigs for cholera?" Dr. X asked their owner.

"Yes, but what good would cholera serum do?"

"It's not as good as erysipelas serum," Dr. X replied, "and it doesn't help with chronic cases. But it usually stops the spreading of acute erysipelas. I am always more afraid of cholera than of erysipelas. So, if the pigs are more than one month old, I usually recommend vaccinating for cholera first."

Dr. X explained that it is poor economy to vaccinate baby pigs for erysipelas unless they actually have the disease. The immunity often wears off before they get to market.

"Here's what I'd do," he said. "Vaccinate these pigs for cholera now. Then, if they keep on developing big joints or showing definite erysipelas symptoms, we'll vaccinate for erysipelas three weeks or more later. You can't produce immunity to both diseases at the same time."

Dr. X believes that if baby pigs are vaccinated for erysipelas with both serum and culture, they should be given a "booster shot" of culture eight or ten weeks later, in an effort to prolong immunity past the erysipelas season. (Fall.)

He adds: "Erysipelas is such an unpredictable and misunderstood disease that barrels of the serum are wasted annually. Herds suffering from sunburn, navel infection (swollen joints), poisoning and other maladies are often given serum."

Serum alone gives protection only against erysipelas, and only for a few weeks. It seldom pays to do this, since the immunity produced can be lengthened to perhaps four months or longer by giving culture simultaneously with the serum.

The conclusion arrived at was to vaccinate for cholera the next morning. But, to help the sick pig, Dr. X gave it a shot of erysipelas serum right then.

Before leaving the farm, he carefully washed the rubber boots he wore.

A sick calf was next on the list. It had been running with its mother in the pasture. When found, it was weak, feverish and breathing rapidly.

Vaccinating hogs for cholera and erysipelas plays a big part in the elimination of losses for Iowa hog growers.

Dr. X found the calf had a temperature of 107 degrees. He listened to the animal's breathing. "No pneumonia yet. It just might be blackleg," he said.

The farmer agreed such infection could easily have been carried into his creek bottom pasture. Last fall, blackleg had been serious in upstream pastures.

The veterinarian used penicillin. "I had nine calves sick with probable blackleg last fall, and saved eight," he said. Penicillin with serum seems to help if you get them early enough."

Another calf at this place was given sulfa pills for scours.

"There's always a dietary factor in such bowel troubles," Dr. X commented.

"With pigs, it seems harder to control enteritis when they're on a heavy feed of corn. Or when they are following cattle, probably because of the corn they are picking up."

At another farm, a cow was treated for bloat. And Dr. X was asked to look at some lame hens.

"They have been laying heavily, and have been lame for only a short while," said the farmer's wife. "Is it range paralysis?" she asked.

"It's come on too suddenly for that," mused Dr. X, as he caught one hen.

"Here," he exclaimed, "this one has a broken leg. Must be a diet deficiency."

"Some of the eggs have had thin shells," the woman said. "But the hens get all the oyster shell they want. It must be Vitamin D they need."

"Right," agreed Dr. X, and he recommended feeding a compound which contained this vitamin.

Dr. X headed back toward town. At his office, he found more calls waiting.

Ice Cream Social

Farm People Get Together For Summer Refreshments

FAMILY get-togethers are just as much a part of Iowa farm life as they ever were. Except nowadays they usually mix in a little serious business with the visiting and the ice cream.

The pictures on this page were taken at a summer meeting of the Garden Prairie Township Farm Bureau in Boone county, Iowa. This meeting was something extra special because folks from neighboring Douglas and Colfax townships were invited to attend. The Garden Prairie folks called it their "Fun Night."

In all, some 150 people showed up to visit, be entertained, hear speeches and eat ice cream and cake. The entertainment was music and movies; the speechmaking was done by President Dan Gilbert, of the Boone County Farm Bureau.

The meeting place—the Garden Prairie Congregational Church—is a story in itself. Nearly 80 years old now, the church is being remodeled by farmers in the community. Running water, electricity, furnace, gas stove for the kitchen and inside toilets have been added.

In return for their work, the farmers get to use the church basement as a community center.

Everybody got ice cream and cake at Garden Prairie "Fun Night." But nobody enjoyed it more than little Jana Carlson. She tackles her share with the help of her mother, Mrs. Art Carlson.

Entertainment at Garden Prairie Farm Bureau meeting featured music by two Boone county farmers, Marlin Carrel and Vernon Buhrman. Playing instruments in rotation was fun-maker.

Visiting Farm Bureau leaders welcomed by Garden Prairie leader Ferris George. From left: County president Dan Gilbert; Douglas township's Everett Nash; George; Colfax township's John Safly.

Old-Fashioned oil lamp still decorates Garden Prairie church dooryard. The modern misses looking it over are (left to right): Doris Burkey, Carolyn Miller, Dorothy Nervig, Lila Miller.

Business Session featured talk by Boone County Farm Bureau President Dan Gilbert. He lost attention for a moment while this shot was taken in Garden Prairie church basement.

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Effective for outbreaks of four major poultry diseases

SULMET Sulfamethazine *Lederle*—in the form of either solution for the drinking water or a powder for mixing with mash—is

THE ONLY DRUG NOW AVAILABLE FOR ALL OF THE FOLLOWING—coccidiosis, acute fowl cholera, pullorum disease in baby chicks, *and coryza!*

A LOW-COST DRUG FOR ALL THESE CONDITIONS—for example, it is lower in cost than four competing products, averaging about 1.9¢ per young bird per treatment for cecal coccidiosis, given in the mash . . . and . . .

AN EFFECTIVE CONCENTRATION OF THIS DRUG IN THE MASH has been shown by recent research to be ONE QUARTER PER CENT for coccidiosis and coryza. The drug may also be used in the drinking water at the standard concentration of 1:1,000.

In suspected acute fowl cholera and pullorum disease outbreaks, establish bacteriological diagnosis immediately. Remember that prompt administration of SULMET gets the best results. If your dealer cannot supply you, please send us his name.

DON'T WAIT! END DEATH LOSSES AND STUNTING QUICKLY!

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Lederle ANIMAL INDUSTRY SECTION

Poultry Department

LEDERLE LABORATORIES DIVISION

AMERICAN Cyanamid COMPANY

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It Didn't take so very long to build this 22-rod open drainage ditch. But Albert Henrichsen, of Ida county, Iowa, says that the ditch gained him more than three acres of good crop land.

Figure Values In Phosphate

Some Phosphate Acts Quickly—Some Is Released Gradually Over Several Years

"HOW many kinds of phosphate fertilizer are there, anyway? Which kind should I buy?"

Farmers are asking these questions, and others, about phosphate. The editor sat across the desk from W. H. Pierre, agronomy head at Iowa State College, and pointed some of the questions at him. Here is the result in the editor's words:

The common names associated with phosphate are superphosphate, raw rock phosphate and colloidal phosphate. Bone meal carries phosphate, but there's not enough bone meal to argue about.

Rock phosphate and colloidal phosphate are the same for all practical purposes. Both are untreated phosphate. The difference is that rock phosphate may contain 50 per cent more total and available phosphate.

Superphosphate is rock phosphate treated with sulphuric or phosphoric acid. That's why it is sometimes called acid phosphate.

There are really just two kinds of phosphate for fertilizing purposes: They are: (1) untreated phosphate (raw rock and colloidal) and (2) treated phosphate (super or acid phosphate).

What is the difference between treated and untreated phosphate for fertilizing purposes?

Plants can't use phosphate or any fertilizer in chunks. It must be dissolved in water.

Superphosphate is partly broken down by the acid treatment. It dissolves in water quickly, mostly during the first year. Crops can use it at once.

Rock or colloidal phosphate is hard to dissolve in water. It goes into solution slowly. The available phosphate may be 10 years in going into solution. Crop benefits are likewise delayed.

Untreated phosphate seems to break down more rapidly on acid soils than on well-limed soils. It also does more for legumes than for grain crops.

In what amounts should treated and untreated phosphate be used for similar results?

For a four-year rotation, 750 pounds of raw rock phosphate, or 1,000 pounds of colloidal phosphate per acre have been applied in tests. This is all applied at one time during the rotation.

Four hundred to 500 pounds of superphosphate gave similar results. Superphosphate is applied this way: Two hundred to 300 pounds with the legume seeding and 100 pounds on each corn crop.

This is computed from an average of Iowa tests. On acid soils the untreated phosphate would do its best. The treated phosphate might show up better on well-limed or naturally neutral soils.

How can farmers figure comparative values of phosphates?

This question was put to O. N. La Follette, of the Iowa Department of Agriculture, who has charge of enforcing the Iowa fertilizer and lime laws.

First, read the tag on the phosphate you buy. The tag must state two things: (1) the total phosphorus and (2) the available phosphorus. Available phosphorus is the only kind that helps your land.

One hundred pounds of superphosphate (0-20-0) has 20 pounds of available phosphate. Raw rock phosphate may have about 30 per cent total phosphate, but only about 3 per cent is available in any one year. Colloidal phosphate may have about 20 per cent total phosphate, and 2 per cent available in any one year.

You can figure phosphate values from these percentages. If in doubt about statements on labels, an inquiry to O. N. La Follette, Iowa Department of Agriculture, will bring instructions on how you can get a check on the analysis.

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- PROTECT YOURSELF AGAINST PRICE INCREASES
- PAY NOTHING UNTIL DELIVERY NEXT SPRING
- SAVE TIME AND TROUBLE
- BE ASSURED OF A SUPPLY

Here it is! The big opportunity to get ready NOW for next spring's work . . . to order your full 1949 stock of SKELLY Fortified Tagolene Motor Oils and Long-Life Greases! And you don't have to pay a single cent! It's SKELLY'S special, generous 1949 Future Order Plan, **and here's how it works:**

Place your order now for those fine SKELLY oils and greases that can do so much toward protecting your equipment, keeping it in top running order. You don't pay a thing until delivery is made, any time you want it next spring. Then, when you do pay, you pay at *today's* prices, *regardless* of how much higher in price the items you order may be next year.

Think of the money you save! Think of the time, the trouble you save! And think of the peace of mind you'll have by knowing you'll receive *everything* you need, *when* you need it!

Contact your SKELLY Tank Station Salesman or Jobber right now. Ask him for complete details about this special money-saving farm deal. Give him your order for next spring—you have *everything to gain* and *absolutely nothing to lose!*

TUNE IN — NBC

Skelly's "Morning Newspaper of the Air"—with *Alex Dreier* and the first network news commentary of the day, Monday through Friday—and *Lloyd Burlingham* with farm news and the weekly Skelly Agricultural Achievement Award, every Saturday. NBC at 7:00 A. M. (WMAQ, Chicago, 6:45 A. M.)

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Year	200-lb. Hogs	1,000-lb. Cattle	90-lb. Lambs	Bushels Wheat	Bushels Corn
1919	38	11	86	463	661
1922	69	19	103	1,036	1,343
1932	151	24	250	2,618	3,135
1939	81	15	145	1,443	1,761
1941	56	12	117	1,059	1,332
1943	37	9	87	753	892
1947	20	5	54	426	535
1953	?	?	?	?	?

Here you see the big difference, year-to-year, in the amount of your production required to pay $1,000 of debt.

Nobody knows how many cattle it will take to do the job five years from now. But everybody knows it's **tomorrow's** income that pays **today's** loan.

No matter which way prices go, you protect your future . . . when you finance your land with a Federal Land Bank loan from your cooperative National Farm Loan Association.

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First, because payments are based on the NORMAL year-in and year-out earning power of your farm. You have up to 40 years to pay.

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You can get a loan to buy land, equipment, livestock, make repairs, to improve land, refinance debts and for many other agricultural purposes. Remember, there are no fees and no commissions.

For full information call on your nearest National Farm Loan Association.

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Banner Year For Iowa Fair

Machinery Exhibit, Livestock, Long List Of Special Events Are Pleasing Huge Crowds

THIS week, the Iowa State Fair draws to a close for the 90th time. This year's fair has been a record-breaker. For one thing, the entries of livestock were up an average of 25 per cent in all classes.

The cattle and swine barns were crowded with the finest stock the purebred breeders have to offer. The National Swine Show, in particular, with more than 2,500 animals entered, has been particularly outstanding.

Altogether, more than 7,500 head of cattle, horses, hogs and sheep have been exhibited in the junior and open classes, according to Fair Secretary L. B. Cunningham.

In the last few days, exhibitors have shared in more than $145,000 in premiums.

Ranking high in interest, as always, was the fine display of farm machinery and farm and household equipment. All week long, thousands of farmers and their wives have been giving these displays a careful once-over.

Farm women haven't been left out in the industrial displays—all kinds of up-to-the-minute equipment has drawn their attention. And rightly so. Labor-saving, efficient machines or small pieces of equipment deserve this interest.

Any machine that will make your work easier and do a better job deserves consideration.

Iowa's boys and girls should receive credit for a large part of the success of this year's fair. In the Future Farmers of America and 4-H livestock classes, as well as in the 4-H demonstrations, they have been worthy competitors.

Educational exhibits presented by a number of state and federal departments were especially outstanding this year.

A long list of special events—old favorites like the team-pulling and horseshoe pitching contests — made the fair more interesting for the thousands who saw these contests.

Not the least among the attractions seen and enjoyed by State Fair visitors this week has been the outstanding grandstand show each afternoon and evening. The Midway added its luster to the grounds, too.

There have been some mighty outstanding shows in the 90-year history of Iowa's own party, the State Fair. But many a weary visitor insisted that the 1948 fair should rank up with the leaders.

Dollar Corn?

What will the price of corn be two months from now? Some folks say government price floors won't hold because a lot of extra corn will be dumped on the market.

That won't happen if farmers keep their corn at home. Do you have a place to put your crop? What can you do to make room in a hurry?

Next issue—September 18—we'll have another roundup of tips on crib building. Be sure to look for it.

"Week-End Weakness" Hurts Calves

More attacks of diarrhea in calves start on Monday and Tuesday than on all other days of the week combined, reports the Ohio agricultural experiment station.

This, say Ohio researchers, may be due to "week-end weaknesses"—the tendency by dairymen to cut corners on chores over the week end.

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Give You More Bushels Per Acre—More Corn Per Ear

It's the bloodlines used to develop the great Maygold strains that produce the bigger yields, high shelling percentage and better feeding quality you want. Next season, join your neighbors in making more money with Maygold. Reserve your seed now.

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6. Planter tested grades

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He's apt to be a neighbor of yours—a corn raiser like yourself. He knows local soil and weather conditions and can recommend the right Maygold Hybrid for your locality. He can also show you Maygold fields in your vicinity so you can see for yourself that there's extra gold in Maygold.

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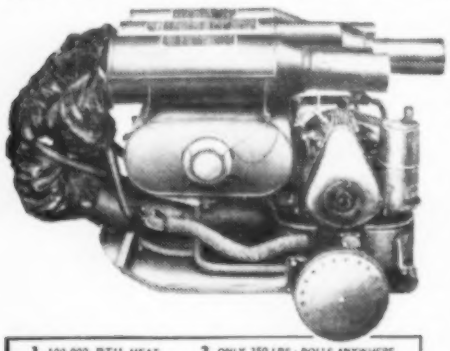

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2. 1½ HORSEPOWER.
3. ONLY 250 LBS.; ROLLS ANYWHERE.
4. USES NOT OVER 1¼ GALLONS GASOLINE PER HOUR.

HERE'S how smart corn-raisers are going to "steal a march" this fall. They'll pick their corn early, pile it in covered, paper-lined cribs, pour in torrents of heat from this machine . . . and get the best price for early, bone-dry corn *before the market slides!*

Hundreds sold last fall, dried thousands of bushels of corn. Ask any owner how well they work. Made by Stewart Warner for U. S. government at a cost of about $600. Because it is war surplus, you can buy this machine at less than half price.

Machine rolls anywhere on its own wheels. Starts like an outboard motor. Safe, foolproof heat unit burns gasoline, pours out 100,000 BTU an hour. Three extension ducts, one 16 feet, two 10 feet long, carry heat where wanted. No exposed flame . . . no fumes. Hundreds of uses all winter long . . . starting engines in sub-zero weather, warming shed, barn or workshop, thawing frozen pipes, drying paint or plaster, etc.

$195 for reconditioned machine in good working order, f.o.b. Minneapolis warehouse. Or . . . buy a brand new machine, satisfaction guaranteed, at $295

REPLACEMENT PARTS AVAILABLE

DO CUSTOM DRYING FOR YOUR NEIGHBORS

Money earned on corn will pay for this unit many times over. Just wheel machine to the crib, place heat ducts where you want them, pull the starter cord and pour on the heat. Machine also has many other uses . . . for heating hog houses, sheep barns, poultry houses and workshed while butchering. A wonderful work-saver and money maker on any farm.

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SPECIAL DISCOUNT TO DEALERS!

—PUT SOME OF THAT EXTRA CASH INTO SECURITY BONDS—

Voice of the Farm

Sorry He Raised Fall Pigs

To the Editor: You asked (in "Voice of Farm") whether other farmers wish they had not raised any fall pigs.

I would have been much better off had I sold my corn and raised no fall pigs at all.

On May 5, I marketed 17 head of September-farrowed hogs that averaged 297 pounds and brought $16.75. Had they weighed just three pounds more, they would have sold for only $15.

You can see that I would have been much better off to have sold my corn at $2.25.—Merle Leeper, Madison County, Iowa.

Suppose you had sold your hogs at 225 or 250 pounds?—Editor.

He'll Join Another Farm Group

To the Editor: I am glad to see that the Farmers Union comes out strongly in favor of Henry Wallace. They recognize the kind of leadership the common man needs.

At present, I belong to another farm group. But, after considering what the Farmers Union stands for, I plan to join their organization. — Farmer, Wright County, Iowa.

Has anyone shifted the other way?—Editor.

"Incentive Pay" For Hired Man?

To the Editor: I must not know what "incentive pay" for hired men is. In a recent issue, you told of a case where a hired man is paid $110 per month plus $15 guaranteed "incentive pay."

This hardly brings this hired man's pay up to the going wages in north-central Iowa. Even down here in southeast Iowa, $125 per month straight time, with trimmings, is a low rate.

I am paying $165 straight time, four or five gallons of milk for a good part of the year, two or three hogs, and the like. And I seem to have to pay wages like that to get good hands.

Incentive pay, it seems to me, should be pay for extra good work above the going wages of the community. If $150 per month is the normal straight time in north-central Iowa, then this man should get $150 per month plus a percentage, as an incentive to do better work.—George V. Leffler, Van Buren County, Iowa.

Let's hear from any farmers who may be using incentive pay to get better men—and better work.—Editor.

Says "Red Scare" Is Real Thing

To the Editor: I would like to answer Mrs. A. R. Guernsey's letter about the "Red scare" (July 17 issue).

If Mrs. Guernsey knew only half of how the Communists are working in this country, she would think twice before she condemns what she calls the "military clique."

My husband and I were in construction work, shipyards and machine shops thru the war. And we were almost shocked to death when we went to a meeting of workers and found the Russian flag displayed and heard nothing but "overthrow the government."

If we want to live a free life, we have to keep out those Commies.—Mrs. W. E. Walden, Grundy County, Missouri.

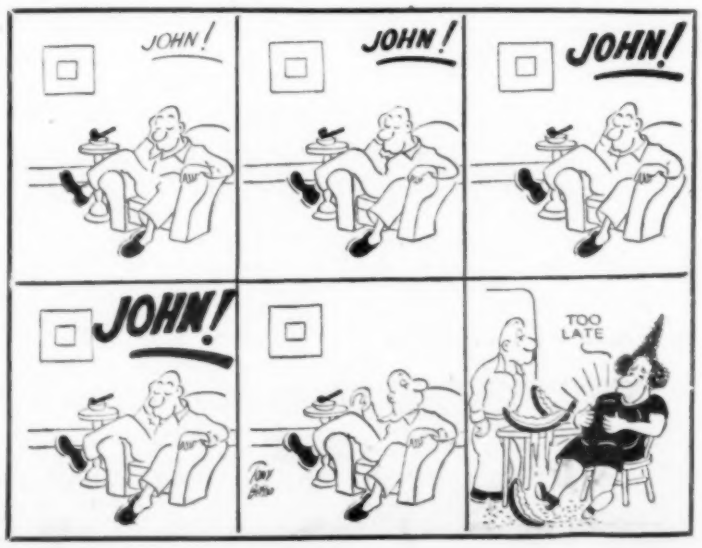
Right. But let's not call somebody a "Communist" unless he is one. Remember, there are lots of good Americans who don't always agree with us on everything.—Editor.

Wants Pages For Young Folks

To the Editor: I am a rural school teacher, and we have Wallaces' Farmer and Iowa Homestead in the schoolroom. Nowadays, conservation is strongly stressed in the schools, and your paper is one of our sources of information.

I would like to see several pages of the paper written especially for farm boys and girls, who will become the future farmers of America. — Mrs. Earl Belk, Jackson County, Iowa.

We've had the notion that young folks, as well as older ones, will find information of value in our present pages.—Editor.



NOW

Kellogg's EGG MASH is

AMINO-BUILT

to give you Greater Egg Production

WHAT IS IT?

It's a *new* kind of controlled-protein feed! Poultry raisers everywhere have been getting wonderful results with it. And no wonder! We're making Kellogg's Egg Mash the way the hen's egg-making machinery *wants it!*

Your hens are fussy about proteins. They don't take the protein out of the feed and put a shell around it. No sir. They take each protein apart. Then they put the pieces together in their own way to build eggs. If any vital pieces are missing, they up and quit. After all, a hen can't lay *part* of an egg.

Some proteins just don't supply all the vital units. We've found a way to make certain that Kellogg's Egg Mash *does*. We measure these units — which science calls amino acids—in each protein ingredient. Then we put them together in just the right proportion to give you Kellogg's Amino-Built Egg Mash . . . a feed built to promote the highest possible egg production!

WHAT DOES IT DO?

Kellogg's Amino-Built Egg Mash makes it easier for your hens to lay *more* eggs. It helps prevent feed waste. It helps keep your hens in good laying condition longer. Here's why:

Kellogg's Amino-Built Egg Mash supplies *all* of the 10 vital amino acids your birds need—plus other useful amino acids. These nutrients are present in an *easily absorbed* form.

That means your hens have *less work to do*. They don't need to stuff themselves in an effort to balance their ration. They don't have to cut production to meet a vital amino acid shortage. They save energy, too — energy for more eggs, because the amino acids in Kellogg's Egg Mash are about the same as in the egg itself!

The chart below tells this dramatic story — a story that can help you make bigger egg profits than ever before!

WHY IS IT BETTER?

Now you can buy an egg mash that supplies *known, reliable, uniform* amounts of the 10 vital amino acids.

Other egg mashes may vary in performance from month to month. But Kellogg's Amino-Built Egg Mash will give you the *same* dependable vital 10 units today, tomorrow and everyday. Yet Kellogg's Egg Mash will cost you no more than many other feeds which do not give you this assurance.

In addition, Kellogg's Egg Mash furnishes essential vitamins and minerals that your hens need for top production month after month.

From now on when you want egg mash — get Kellogg's Amino-Built Egg Mash! See if it doesn't do a better job than any other egg mash of the same protein level. See if your hens don't lay *more* eggs . . . keep laying *longer* . . . and give you *bigger* net profits. Call your nearest Kellogg feed dealer today!

Why Your Hens Need All of These Vital 10 Amino Acids

(At 70% Production for 100 Days)

Amino Acid	Units In The Eggs That a Hen Lays	Units In The KELLOGG'S EGG MASH That A Layer Eats	Amino Acid	Units In The Eggs That a Hen Lays	Units In The KELLOGG'S EGG MASH That A Layer Eats
1. Arginine	.462	2.448	6. Methionine	.217	.408
2. Histidine	.210	.918	7. Phenylalinine	.441	1.63
3. Isoleucine	.378	1.734	8. Threonine	.378	1.407
4. Leucine	.651	2.835	9. Tryptophane	.140	.489
5. Lycine	.574	2.142	10. Valine	.511	2.08

PREVENT "AMINO HUNGER"

Without all 10 of these vital amino acids, in adequate amounts, your hens cannot thrive and lay. You avoid the costly, but often unnoticed effects of "amino hunger" when you feed Kellogg's Amino-Built Egg Mash. Change to Kellogg's today!

KELLOGG COMPANY

FEED DIVISION OMAHA, NEBRASKA BATTLE CREEK, MICH.

EXTRA YIELD PER ACRE WITH CROW'S FILM COATED SEED CORN

Film-Coated Seed Corn Produces Healthier Plants : : : Better Stands!

Here's seed corn that carries its protection into the ground with the kernel. Its Film-Coating completely covers the kernel—adheres tightly—wards off destructive soil fungi.

Big crops were produced last year by farmers who planted this corn. Reports from farmers prove Crow's Film-Coating process "successful beyond expectations." Plant Crow's Hybrids and you plant seed protection as well as the most profitable corn you can grow.

Film-Coating on seed corn is available only on Crow's Hybrids—single and double crosses. It costs nothing extra, yet makes extra profits for you. Ask Crow's dealer in your community.

CROW'S HYBRID CORN COMPANY, MILFORD, ILLINOIS, AND NEVADA, IOWA

MAIL COUPON TODAY

World's Largest Producers of Single Cross Seed Corn

Crow's Hybrid Corn Co.
Milford, Ill., Dept. WF

Please send FREE catalog "Crow's Film-Coated Seed Corn."

Name .....

Address .....

R.F.D. .....

State .....

Undecided on how the government subsidy to support prices on hogs should be paid. A. E. Plager, Grundy county, Iowa, is in the same boat with one-third of Iowa's farmers on this.

When Hog Prices Go Down---

How Should Government Support the Price of Hogs at 90 Per Cent of Parity?

MOST Iowa farmers expect a lot of hogs to be raised in 1949. Corn will be cheaper this winter.

They have some confidence that the government will make good on its pledge to keep 1949 hogs up to 90 per cent of parity.

How should these supports be administered?

Old style method—which broke down once—is to have the government buy pork on the market, put it into storage or hand it out, and thereby keep the price up to support levels.

New style method — authorized in new farm law—is to let the market price of hogs drop, but make up the difference to the farmer by a government check.

Both methods are subsidies. Both cost the government money. But which is best for the farmer and consumer? Which does best the job of maintaining hog price supports?

The Wallace-Homestead Poll asked a representative cross-section of Iowa farmers this question:

"Suppose that, in 1949 the government support price of hogs is $16, and the price threatens to drop to $12 per hundred. Which of the following should the government do:

"1. Buy pork on the market for storage or for free distribution, in an attempt to keep the price up to $16?

"2. Let the price drop to $12, but pay each farmer the $4 difference between market price and support price?"

A lot of farmers weren't sure of the answer. Some felt hog prices were so high nobody need worry yet about support prices. Others were uncertain as to just how the plans would work.

But, for the whole group, the answers came out like this:

1. Buy pork to keep up the price 36%
2. Pay farmer difference..29%
3. Not sure 35%

Tenants liked No. 2 better than did owners. Apparently, tenants weren't so sure that the government would keep the market price up. They thought the cash guarantee was safer.

Consumers may favor No. 2. If the market price drops, the consumer will get the benefit. As taxpayer, he will pay the bill in either case.

Some farmers are afraid that there may be a tendency for a city-minded administration to let farm prices drop and pay the difference back to farmers in cash.

That would please both the consumers and farmers. But would farmers continue to get the cash benefits? Or would congress balk at that?

A Tama county farmer commented: "If we get the $4, and the meat is on counters in a greater supply, the public will buy more, consumption will be increased, and the price will go up."

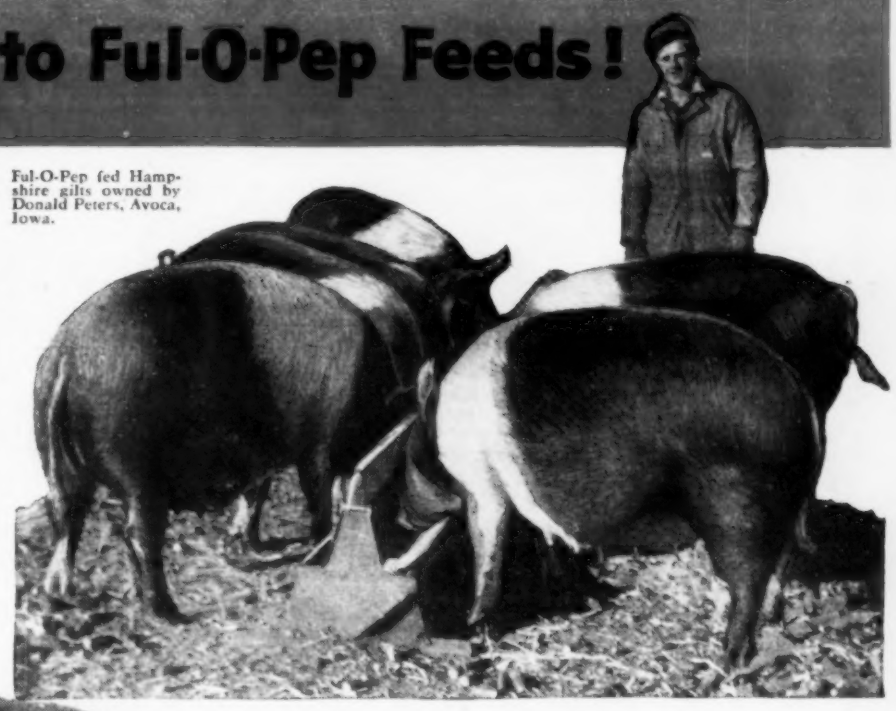
But a farm woman in Story county didn't like either method. She said: "I think it would be better for farmers just to take their chances on prices."

A Monroe county farmer didn't see any sense in worrying about low hog prices: "If we keep feeding Europe, prices will stay up, anyway."

A Clay county farmer summed it up: "I don't like subsidies, but I don't like $12 hogs, either."

A WALLACE-HOMESTEAD POLL

See why so many of the Nation's LEADING HOG RAISERS are switching to Ful-O-Pep Feeds!



Ful-O-Pep fed Hampshire gilts owned by Donald Peters, Avoca, Iowa.

"Average 9 pigs per litter, with 48 to 52 lb. pigs at 8 weeks"

"I started raising Hampshire Hogs six years ago, and now raise and market about 200 head a year. I have used various brands of mixed protein feeds and I have found that Ful-O-Pep is superior to any other that I have tried.

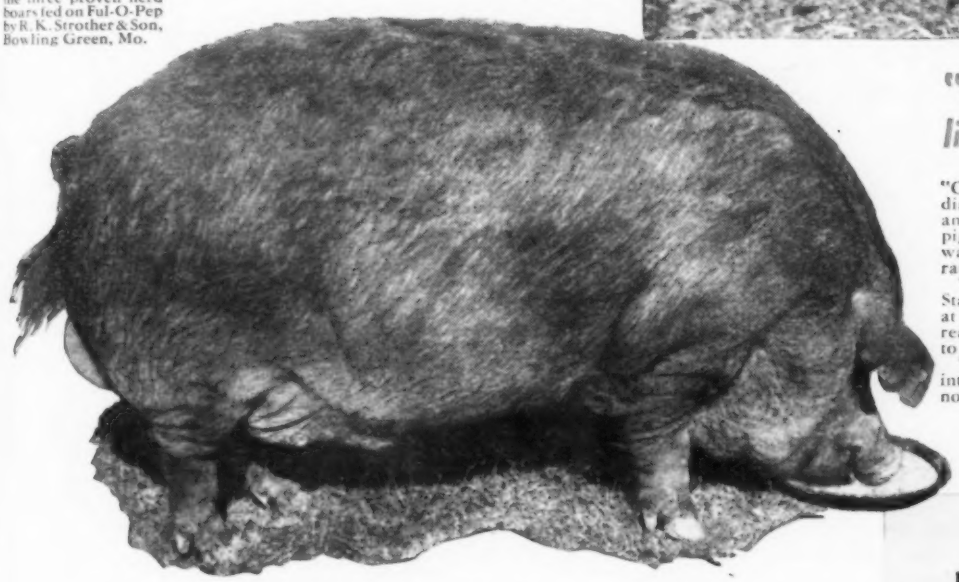
"My litters have averaged unusually large, at least 9 pigs per litter, with individual pigs averaging about 3 pounds each at farrowing time.

"Last spring, when we checked the weights on the spring pigs at weaning time (8 weeks) the pigs weighed from 48 to 52 lbs. We think this is a very good average.

"I have had no trouble at all in raising one-ton litters and marketing them within 6 months from farrowing date, without the best of equipment.

"I can most heartily recommend Ful-O-Pep to anyone who wants good reproduction, sound health and fast maturity in his herd."

(Signed) *Donald Peters*
Avoca, Iowa



Seco Lo Orion, one of the three proven herd boars fed on Ful-O-Pep by R. K. Strother & Son, Bowling Green, Mo.

"Recommend Ful-O-Pep for large litters and fast, economical gains"

"Our Purebred Duroc sows were bred in October 1947 and immediately placed on a ration of equal parts of Ful-O-Pep Pig-N-Sow Feed and Sugared Schumacher. The 16 sows farrowed an average of 11.3 pigs per litter, and weaned 9.4 pigs per litter. Ful-O-Pep Pig Starter was placed before the pigs when 10 days of age, and was their sole ration until after weaning.

"After weaning, Pig-N-Sow Feed was gradually added, and the Starter replaced with Schumacher. We changed to home-grown grains at 75 lbs., using Ful-O-Pep 40% Concentrate as a balancer. And it is really a balancer, as the pigs seem to require only a very small amount to meet their needs.

"We heartily recommend Ful-O-Pep Feeds to all swine producers interested in large litters of stronger pigs; and faster and more economical gains throughout the feeding period."

(Signed) *Marion Strother*
R. K. Strother & Son
Bowling Green, Mo.

Special vitamin benefits in Ful-O-Pep promote big litters, fast gains and extra profits!

EACH MONTH, more and more of the Nation's most successful hog raisers are switching to vitamin-rich Ful-O-Pep Feeds! They find that Ful-O-Pep Feeds are hard to beat when it comes to big litters, fast gains and uniform finish.

PROOF OF FUL-O-PEP FEEDING RESULTS comes from the farms of some of the Middle West's most successful hog raisers —like the two shown on this page.

AND THERE'S A REASON why hogs fed on Ful-O-Pep Feeds achieve such outstanding results. For Ful-O-Pep Feeds supply proteins, vitamins and organic-source minerals that GRAIN LACKS to help build big litters and put on fast gains at low cost. A variety of choice proteins from both vegetable and animal sources are blended together in Ful-O-Pep to give you a bone-building, pork-making feed that's hard to beat. And special vitamin sources in Ful-O-Pep provide a RICH VITAMIN BALANCE that helps promote fast growth, rugged health and top-quality finish.

FOREMOST AMONG THE VITAMIN SOURCES in Ful-O-Pep is Concentrated Spring Range*, Nature's Richest Vitamin Combination! This highly-nutritious ingredient is made from tender, young, unjointed cereal grasses cut at the peak of their vitamin richness and carefully dehydrated to preserve their feeding value.

SO DO AS MANY SUCCESSFUL hog men are doing and switch now to the Ful-O-Pep Plan of feeding. For more information see your nearest Ful-O-Pep dealer, or write to

*Reg. U. S. Pat. Off.

THE QUAKER OATS COMPANY, CHICAGO 4, ILL.

FUL-O-PEP PIG-N-SOW FEED

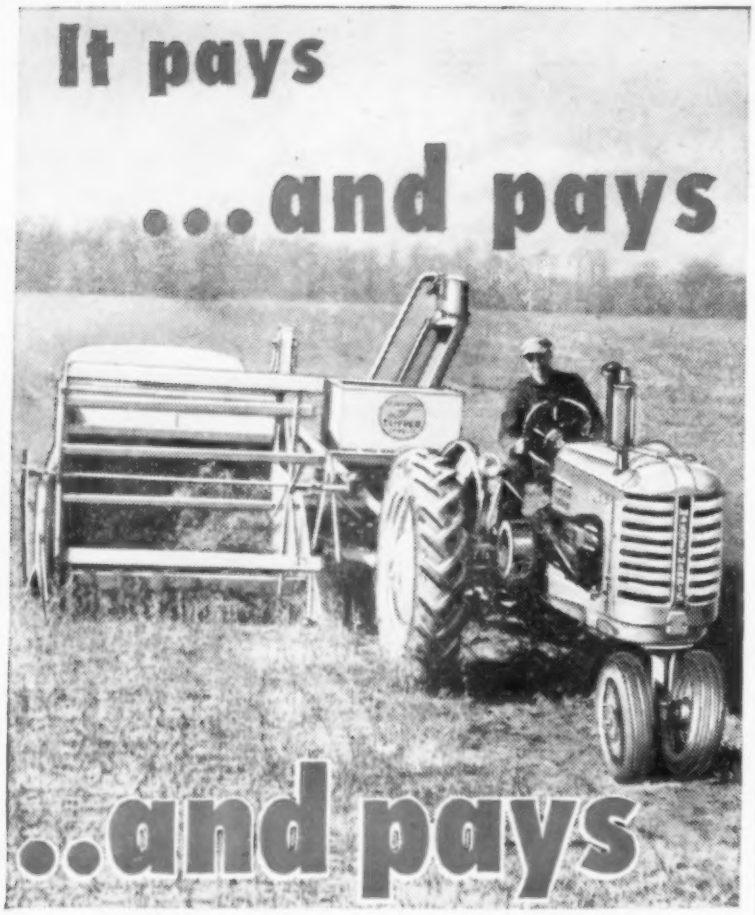
Especially designed to promote easy farrowing, big litters, heavy farrowing weights and abundant milk for pigs. Feed in equal parts with whole oats from time sow is bred until pigs are weaned.

FUL-O-PEP PIG STARTER

Appetizing, nourishing feed built around choice, wholesome rolled oats and fortified with special vitamin sources to promote fast gains and help prevent pig losses. Feed in creeps from first week until weaning.

FUL-O-PEP 40% HOG FEED CONCENTRATE

Supplies proteins, vitamins and organic-source minerals that grain lacks to help put on fast gains at low cost. Begin feeding at 75 pounds and continue until hogs are ready for market.



to Harvest your Beans with a Massey-Harris

From every angle you're money ahead when you harvest your beans with a Massey-Harris.

YOU'RE MONEY AHEAD in the actual harvest itself. A Massey-Harris gets more soy beans, in the same way it gets more of any of the 110 different crops it's designed to harvest. Here's why. The cutter bar is adjustable from 1½ to 33 inches. You can actually skim the ground, without adding a special soy bean cutter bar.

YOU'RE MONEY AHEAD in the quality of your beans. They're cleaner, with fewer cracked ones — the kind of beans that brings top prices. The reason is the rasp-bar cylinder, developed by Massey-Harris, that rubs out the beans in a natural, easy way. Cylinder speed is quickly and easily adjustable to meet your crop and crop conditions.

For Larger Acreages — The Self-Propelled Clipper

YOU'RE MONEY AHEAD for still another reason if you choose a Massey-Harris *Self-Propelled* Clipper. You save grain on the opening cut. You save manpower. You save fuel. You save time.

Proved in the million-acre Harvest Brigades, sponsored by Massey-Harris during the war, these savings have been confirmed in every harvest since.

There's a Massey-Harris Combine to fit your farm. In addition to the 6- or 7-ft. p.t.o. Clipper, shown above, there are in Self-Propelled types, the 7-ft. Clipper, the new 10-ft. No. 26, and the 12- and 14-ft. No. 21-A. Get the full facts about Massey-Harris Combines from your Massey-Harris dealer! For complete folder by mail write to Dept. 25

THE MASSEY-HARRIS COMPANY, Racine, Wisconsin

Make it a Massey-Harris

Don't Gamble With Your . . .

HOME, INCOME, FARM!

LET ALLIED MUTUAL'S LOW COST FARM LIABILITY POLICY

protect you against farm-originated liability loss . . . pay doctor bills up to $250.

Write us or SEE YOUR ALLIED MUTUAL AGENT

ALLIED MUTUAL CASUALTY CO.

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Over 1000 Agents

Let the advertisements in Wallaces' Farmer and Iowa Homestead form your buying directory. If the articles you wish to purchase are not advertised in this paper, we will be glad to give you the names of reliable firms from which you can make your purchases.

—PUT SOME OF THAT EXTRA CASH INTO SECURITY BONDS—

Workday Pointers

Helpful Suggestions for Farmers

LARGE END UP will preserve egg quality when the eggs are placed in cases.

▲ ▲ ▲

AS PIG PASTURE becomes hard and dry, alfalfa meal should be added to pig rations.

▲ ▲ ▲

BEEF CATTLE may begin to lose weight on short September pastures. A little supplemental feed may turn losses into gains.

▲ ▲ ▲

WHEN HENS are let run outside to pick up waste grain, they should have a high percentage protein mixture to balance up the grain.

▲ ▲ ▲

WELL DENTED CORN is ready to put in the silo. Corn will make good silage for some time after denting, but water may have to be added.

▲ ▲ ▲

THIN SPOTS in red clover seedings can't be reseeded to red clover this fall. Sow timothy if the spots are small. Or wait until next spring and disk in oats and clover.

▲ ▲ ▲

SUPPORT PRICE for 1948 northern grown alfalfa seed will be 25 cents per pound. This is the same as for 1947. Your county AAA committee has purchase and loan forms.

▲ ▲ ▲

WATER PIPED to the poultry house will save labor. It will also save feed if it keeps the hens from getting thirsty. A hen needs two pounds of water for each pound of feed consumed.

▲ ▲ ▲

CORN FODDER will replace hay for roughage this winter. But one acre of corn silage will go farther than several acres of corn fodder when gains, waste and palatability are considered.

▲ ▲ ▲

COCKLEBURS that have fully formed will grow next year if they are plowed under this fall. But it is better to plow them under than to let the rabbits and other animals carry them to other fields.

▲ ▲ ▲

FEED THE CORN stalk and all if you have to begin feeding new corn before it is fully mature. A light feeding of green corn is good for pigs on short pasture. Chopped green corn makes good feed for cattle.

▲ ▲ ▲

CHICKEN MITES and lice can be controlled by a 5 per cent solution of DDT emulsion or oil spray, says the North Dakota Agricultural College. It can be either sprayed or painted. All crevises and cracks should get attention.

▲ ▲ ▲

WHAT FIELDS for silage? To destroy corn borers, chop the late fields. The second brood of borers, which hatch on the late corn, are the ones that live thru the winter, to produce egg-laying moths. But to get the corn before it falls down, perhaps you should make silage of early fields. Damage may be greatest from the early brood.

CORN NEVER gets cheap enough to make it a complete feed for fattening animals.

▲ ▲ ▲

EXTRA GRAIN ALONE will not make up for short pastures. Cows need hay or silage to make up for the grass, which is a bulky feed.

▲ ▲ ▲

NARROW CRIBS for corn, if well ventilated, make earlier husking possible. Early husking saves loss from dropped ears and from lodging. Corn pickers do a better job before the stalks are bone dry.

▲ ▲ ▲

SOIL REQUIRES one and one-half to two tons of lime every 10 years to maintain the lime supply under cropping, says H. B. Cheney, of Iowa State College. Lime is lost by cropping, leaching and erosion.

▲ ▲ ▲

GATES thru yard fences save extra steps in doing chores. They also save time, energy and the chance of accidents. Livestock will probably be better taken care of

if you don't have to climb a fence to take that last look. Taken all together, the time and material required to make these small gates pays big returns.

▲ ▲ ▲

TO FILL DITCHES and washouts, one Marion county, Iowa, farmer uses a tractor and walking plow. Four feet of chain is used between tractor and plow. One man handles the plow, another drives the tractor.

▲ ▲ ▲

TWO KINDS of temporary silos give good results. The trench silo is liked by farmers who have high ground and good drainage. The upright silo, of woven wire and paper lining, will keep the silage on level farms where a trench or pit silo might fill with water.

▲ ▲ ▲

FAT CATTLE prices should be 20 per cent above range cattle prices for the feeder to break even, says R. T. Burdick, of the Colorado experiment station. Feeder cattle which cost $25 would have to sell for $30. Of course, this is an average. It would vary by the length of feed and weight of the cattle.

▲ ▲ ▲

DANGEROUS GASES may form above silage. A mother and her two sons died in a silo in Humboldt county, Iowa, on September 9, 1947. One boy tried to save the other, then the mother tried to save the sons, and all died. To prevent such tragedies, take out the doors as fast as the silage settles, so the gas can escape. If you must go into the silo, try a lighted lantern first. If it burns, you are probably safe.

DEALER AFTER DEALER REPORTS:

CARGILL IS TODAY'S FASTEST GROWING NAME IN HYBRIDS

DEALER AFTER DEALER REPORTS that Cargill is today's fastest growing name in hybrids . . . proof that every year more growers insist on Cargill's all-around performance. Cargill Hybrids are under going constant improvement under supervision of laboratory and field men. Cargill laboratories check every lot of Cargill Hybrids to make sure they meet exacting specifications for corn for every growing zone. When you order famous Cargill Crop-Proved Hybrids from your Cargill dealer you can be sure you'll get a hybrid that 91 out of 100 farmers who grew them liked better than other leading brands. Place your order now with your Cargill dealer or salesman.

Surveys* Show 91 Out Of 100 Farmers Who Grew Them Liked Cargill Hybrids Better Than Other Leading Brands

Demand for famous Cargill Crop-Proved Hybrids is growing . . . growing fast! Dealer after dealer reports that *Cargill is today's fastest growing name in hybrids.*

And, this adds proof of the accuracy of 1946-'47 surveys* which showed that 91 out of 100 farmers who grew them *liked Cargill Crop-Proved Hybrids better* than other leading brands.

Qualities corn growers liked better about Cargill Hybrids varied from farmer to farmer. Such things as fast start, good standability, easy picking with ears at just the right height are important. High germination, drouth resistance, excellent insect tolerance, safe maturity and big yields, mean "BETTER" to any corn grower.

This year see your Cargill dealer or salesman. Place your order now so you'll be sure you'll have an adequate supply of Cargill Hybrid for 1949 planting.

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CARGILL EXPANDS PLANT FACILITIES TO KEEP PACE WITH RAPID GROWTH!

PLANT NO. 1, CARGILL CROP-PROVED HYBRIDS are graded in this huge Minneapolis plant.

PLANT NO. 2, ST. PETER, MINN., is headquarters for all Cargill Crop-Proved Hybrid operations.

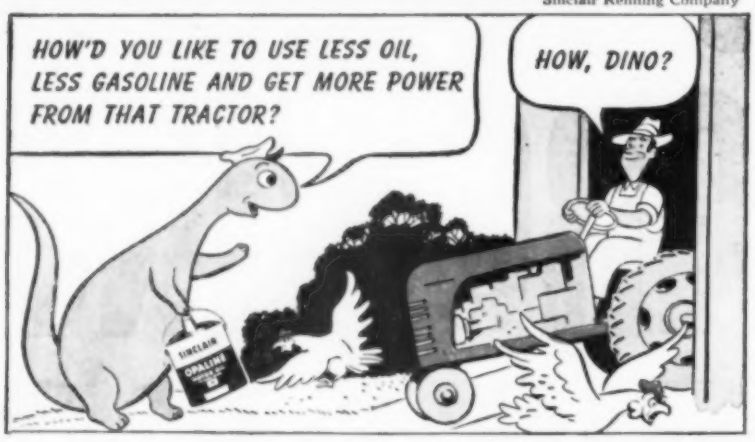
PLANT NO. 3, ST. PETER, MINN., dries, grades and stores Cargill Hybrids until planting time.

NEWEST CARGILL PLANT distributing Grinnellian Hybrids, Grinnell, Iowa.

CARGILL HYBRIDS

DINO on the FARM

Sinclair Refining Company



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OPALINE MOTOR OIL
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CHAMPION MARKET LITTER AT IOWA STATE FAIR

E. G. Bodenhamer & Sons FFA Show Winners

"Have been feeding Kidman's Standard Stock Powder for 6 years, ever since we started. It is tops. We showed champion market litter in FFA Show at Iowa State Fair and our second best litter was 4-H champion market litter at Spencer Fair. We raise 300 purebred Chester Whites a year and they all get Kidman's."

E. G. Bodenhamer & Sons
Spencer, Iowa

OWNERS OF CHAMPIONS FEED

KIDMAN'S STANDARD STOCK POWDER

Champion quality and breeding PLUS Kidman's Standard Stock Powder — a winning combination for over 50 years. For greater growth and greater profits use Kidman's Mineral and Vitamin Supplements with your own home grown grain.

For Hogs, Cattle, Sheep and Poultry.

Sales Representatives Wanted

STANDARD STOCK POWDER COMPANY
DEPT. W-6 DES MOINES, IOWA

Might Not Always Be Lucky

One Moment of Carelessness May Mean An Accident That Costs You Your Life

This is a story you have heard before. You will hear it again, despite its message. This incident occurred during oat harvest. It could have happened almost any time—during bean combining, during corn picking.

There is a moral to the story. It is to be careful. Don't get in a hurry around machinery.

The story is told by Franklin M. Mosier, Ringgold county, Iowa.

SATURDAY morning was hot and muggy, with a promise of rain. With a scant two acres of oats left to cut, we were in a hurry to finish before a storm halted operations.

Since we do not own a binder, a neighbor was cutting the oats with a horse binder that had been converted to power take-off. My brother Eugene and I were shocking the crop.

With only a few rounds left to go, the binder ran into a thick patch of small weeds. The operator stopped the tractor and climbed off to adjust the height of the platform. My brother went to help him.

The two men raised the platform. Then my brother stepped in near the hitch to clean the weeds out of the sickle-bar. Just as he stepped back, the operator turned on the power to run the weeds off the canvas before starting to cut again.

My brother's startled shout mingled with the sound of ripping cloth as the exposed universal joint caught his overall leg.

A good athlete in his youth, at 35 Eugene still has an athlete's reflexes. It wasn't presence of mind, it probably was these trained reflexes which prompted him to grab blindly for the nearest solid object—the tractor seat.

It was strength born of fear which enabled him to brace himself against the force tearing at his right leg.

Alarmed by my brother's cry, the operator frantically switched off the power almost as soon as he had turned it on. But the damage was done. Thank goodness, Eugene's overalls were old and rotten.

With the speed of lightning, the whirling connection had stripped the right leg from his overalls as cleanly as if the job had been done by a tailor. A very lucky man walked away from an accident which could have cost his life.

He had a large, black welt just above his knee-cap. His lower leg was a mass of severe and painful rope burns.

By night, his injured leg was so stiff and swollen that it could bear no weight. He was forced to use crutches for several days.

He hobbled around with a cane for a few more days. Two weeks after the accident, his leg is almost back to normal, tho it bothers him after a hard day's work.

Eugene Mosier was lucky. He committed the sin of carelessness, yet escaped with a minimum penalty.

Like most farm accidents, this one was caused by too much haste and too little caution. My brother should not have exposed himself to such a hazard, and the operator should have used the shield on the power take-off.

Lucky **Eugene T. Mosier, Ringgold county, Iowa, was wearing these overalls when he got tangled up with a power take-off. He was able to walk away.**

Machinery manufacturers include a little piece of life insurance in the form of a metal shield with all power take-off equipment. But it is up to you to keep the policy in force.

Yes, I know, the dog-goned shield gets in the way all the time. It's easier and quicker to leave the thing behind the corner two-by-four in the shed. You'll be careful and shut the power off before you work on machinery.

But will you? Think how lucky my brother was. Fortunate circumstances, including rotten overalls and the presence of a man to shut off the power, saved him.

How are your reflexes? Can you hang on to a tractor seat while a piece of machinery strong enough to run a binder is tugging at your leg? Do you always wear light, tight-fitting clothing around machinery? Do you think there will be something for you to grab when you make your mistake? Does someone always work with you in the field? Is the shield in place on your tractor power take-off?

The lack of any of these factors could cost you an arm or a leg; could possibly kill you.

Maybe you feel lucky. But would you bet your life on it?

A Crop to Cultivate

America is famous for good crops. But finest of all is the bumper "crop" of 11,000,000 boys and girls growing up on our farms and ranches.

Trained teachers and leaders are helping cultivate this bumper crop. Vocational agricultural teachers in over 7,000 high schools do their part. Most of these schools have Future Farmers of America chapters. Membership of F. F. A. is 250,000. In their "outside classroom" work they receive additional on-the-job training from their vocational agricultural teachers. They learn to accept leadership responsibility. On graduation, many go directly into farm or ranch management. Others go on to agricultural college.

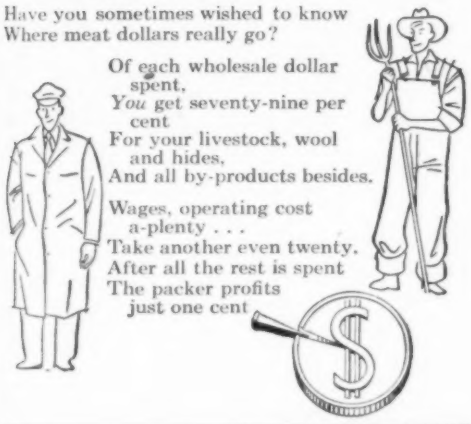
County agents and over 180,000 unselfish volunteer leaders do another great job through the 4-H Clubs. Through 85,000 local 4-H Clubs, more than 1,750,000 boys and girls get invaluable training. Advice, encouragement, know-how from practical experts. Their projects keep them abreast of what is new in agriculture. They learn through doing. Achievement and leadership become habits.

It is well that American agriculture has these leaders and teachers. By teaching the *business* and science of farming, they are helping make life on farm and ranch rich and profitable for a new generation of Americans. They are showing them the way to economic security and a good way of life. Better farm planning; power machinery; scientific modern methods; control of weeds and plant and animal pests . . . All these our farm and ranch youth are learning. In many ways they are qualifying themselves to be better managers of land and better businessmen. They are increasing their knowledge of science and selling—of machinery and markets—of costs and conservation.

Swift & Company has always been proud to encourage farm youth activities. We shall continue to do so. We have no doubt or fear for the future of America. For, properly cultivated, this crop will ripen surely into our nation's richest harvest.

A HUNDRED CENTS MAKE A DOLLAR

Have you sometimes wished to know
Where meat dollars really go?



Of each wholesale dollar spent,
You get seventy-nine per cent
For your livestock, wool and hides,
And all by-products besides.

Wages, operating cost a-plenty . . .
Take another even twenty.
After all the rest is spent
The packer profits just one cent

Livestock and Meat Prices

Livestock is marketed when it is ready. The supply of animals coming to market at any one time is controlled by your decisions as producers. These decisions may have been made months previously, depending on your breeding and feeding program. The weather—blizzards, storms and droughts—also have a bearing on when you market your animals.

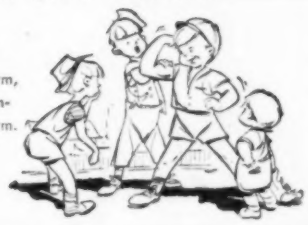
Meat packers have no control over the supply of livestock.

The meat packer must sell meat and by-products for *what they will bring*. When people have to economize, they spend less money for meat. Consumers, retailers and meat packers reduce their bids. The prices of both meat and livestock fall accordingly. But when people make *more* money, they are *eager* to buy meat. Then buyers all along the line *increase* their bids. And the prices of both meat and livestock *rise* accordingly. For each meat packer and each retail meat dealer knows that if he does not pay a little higher for the livestock or meat he wants, somebody else will—and get the business.

Thus the old law of supply and demand—plus competition in buying livestock and selling meat—forces price changes in meat to be reflected quickly all the way back to the livestock on the hoof. At all times the market price is a *balance* between the supply of livestock and the demand for meat.

OUR CITY COUSIN

Wow! Look at
City Cousin's arm,
He spent the summer on the farm.



16MM SOUND FILMS FOR YOUR USE

"Meat Buying Customs" "A Nation's Meat"
"By-Products" "Livestock and Meat"
"Cows and Chickens . . . USA"

Five informative films about the livestock-meat-packing industry. A few open dates remain for September and October. We'll be glad to send a descriptive folder which gives all details. Write Agricultural Research Dept., Swift & Company, Chicago 9, Illinois.

Martha Logan's Recipe for DINNER SIZE HAMBURGER

1 pound hamburger	¼ cup milk
1¾ cups soft bread crumbs	1¼ teaspoon salt
1 egg	⅛ teaspoon pepper
¼ cup chopped onion	1 tablespoon fat

Mix together all ingredients until well combined. Form into 4 large patties. Heat fat in heavy frying pan. Brown patties slowly on each side. Cover pan tightly, lower heat, and cook ten minutes longer. Serve with horseradish sauce, barbecue sauce, or tomato sauce. (Yield: 4 servings)

Soda Bill Sez:

Words are handy tools to explain experiences—but they're no substitute for experience.

New Idea in Junior Feeding Projects

by T. W. Thompson
State 4-H Club Leader, Montana

T. W. Thompson

Boys and girls are trying out a *new kind* of livestock feeding project. In several states—including Montana, Nebraska, Colorado and Indiana—people are enthusiastic about it. Here is how it works. The boy or girl buys an *average lot* of feeder steers or lambs, from a uniform herd or band. The number bought is usually 3 or more steers, 15 or more lambs. That depends on finances, feed supplies and equipment available.

These lots of animals are bought at a central market. They are taken home and fattened. Careful records are kept of feed costs and rates of gain. At the end of the feeding period, they are shipped back to market. They are sold on Junior Marketing Day.

Boys and girls consign their animals to commission firms of their own choice. Upon arrival the animals are penned separately, according to ownership. Each lot is graded and weighed separately. Then all animals are assembled in pens according to grade. They are sold for slaughter in the usual manner used on that market. The boys and girls profit according to the *market value* of their animals.

Sponsors claim the following benefits: (1) It is practical. (2) It promotes better farm feeding methods. (3) Boys and girls learn about market grades of livestock. (4) They learn about central markets and their operation. This new idea in junior feeding is not intended to take the place of feeding for show. It is a separate project, to give youngsters practical experience in feeding for market.

It's a Two-Way Road

In my work with farmers and ranchers I have visited just about every part of this country. I can't begin to count the number of times I have traveled out of Chicago and back—to the range country of the West . . . through the Corn Belt states . . . the wheatlands . . . the cotton country—Florida, Maine, Washington, California and all the other states in between.

I do not know how anyone who travels much can help being impressed with the need for *team play* in America. As farmers or ranchers, your prosperity depends to a large degree on the ability of workers in industry to purchase the food and fiber you produce. Likewise, city businessmen know that your power to purchase their products is equally important to them. And all of us depend on the men in the mines, in the forests, in the steel mills, and oil fields.

But what we are apt to overlook is the fact that it is the earning of a reasonable profit which keeps all these businesses going, and all of us at work. Of course, profit *rates* vary. That depends on many things, including volume of business done. For example, here at Swift & Company we process millions of pounds of agricultural raw materials each year. On each pound handled, we earn an average profit of a fraction of a cent. Few could stay in business on the margin we meat packers earn. But whether one's business *volume* is large or small, *some profit* is essential to any individual or any enterprise.

And here's another thing. Often I hear someone say—"Those farmers are the lucky ones—completely independent!" I can't agree with them. I know, and you know, that you on the land *are* independent—*but only to a certain degree!* Of course, cities couldn't exist without the products of farm and ranch. Maybe you *could* produce your own food, clothing, shelter and fuel. But country living would be pretty grim without cars, telephones, radios, fences, tractors, windmills and modern labor-saving, comfort-giving equipment. *It is a two-way road!* Our standard of living in America is something we are *all* proud of. *It is the result of the profit system and of good team play.*

F. M. Simpson.

Agricultural Research Department

Swift & Company
UNION STOCK YARDS, CHICAGO 9, ILLINOIS

Nutrition is our business—and yours

DAIRY COWS, leading source of cash farm income, are the second largest consumers of America's corn crop. To produce 3¾ billion dollars of dairy products, cows consume 15.4% of the corn crop. The dairy cow takes one-third of her corn as silage; half of her grain ration is corn; corn and its by-products make up 7% of commercial supplements. Top yields of mature grain and heavy tonnage of succulent silage make G-Hybrids favorites with dairymen . . . Canada to the Gulf . . . the Atlantic to the Rockies.

For Nine Years, Dependable G-Hybrids Give Iowa Brothers Full Cribs and Silo

Chester and Lester Rouchka, twin brothers, operate the family 220 acre farm near Cresco, Iowa; milk 18 cows and feed out 120 hogs a year. "Funk's G was one of the first hybrids we tried," Rouchka's say. "It did a good job and we've kept on using it. We are now raising our ninth crop of Funk's G.

"You know most any hybrid has nice ears while the moisture is in them. But Funk's G matures well for us. Our G-6 dries down to such nice big ears and has such deep kernels. And it is big for an early corn so we use G-6 in the silo, too."

GREAT CORN STORIES ON YOUR RADIO

Hear Everett Mitchell, radio's leading farm commentator, interview famous corn farmers and tell dramatic stories of corn over your favorite station. With songs by Funk's G-Hybrid Quartet.

WHO,	Des Moines	7:15 a.m. Saturday
WMT,	Cedar Rapids	6:30 a.m. Monday
WLS,	Chicago	12:45 p.m. Saturday DST
WOW,	Omaha	12:15 p.m. Sunday
WNAX,	Yankton	12:15 p.m. Saturday
KSOO,	Sioux Falls	1:00 p.m. Saturday

FUNK'S G HYBRIDS

FUNK BROS. SEED CO.
Belle Plaine, Iowa
AND ASSOCIATE PRODUCERS OF FUNK'S G-HYBRIDS

Buy U. S. Savings Bonds

to Help Your Country and Yourself in Later Years.

—START SAVING NOW THE EASY U. S. SECURITY BOND WAY—

Extra Corn will be put in round cribs made of snow fencing on the Lester Appleby farm in Delaware county, Iowa. These cribs will do for Appleby because he feeds all of his corn. Left to right are J. Howard Reed, Delhi lumberman, Mrs. and Mr. Appleby.

You Can Help Hold Up Corn Price

Loan Level Can Be Held If Farmers Fix Up Extra Storage And Avoid Selling Hysteria

WILL dollar corn be with us in December? Some have been so reckless as to prophesy that.

True, there is a corn loan which may average $1.36 in Iowa. And there is a purchase agreement offered by AAA for No. 3 corn at the loan price. But the crop is big, and cribs don't equal the size of the crop.

If farmers can't store corn safely enough for loans or purchase agreements, it might have to go to market. There might be enough of this ineligible corn to drive the price below the loan level.

"The situation calls for cooperation," says O. L. Thorsen, Kossuth county, Iowa, farmer and county AAA chairman. He contends that farmers can keep the corn price at an even keel with loan values if there is no selling hysteria.

Thorsen recognizes, however, that scarce storage space could cause an upset in the corn price support program.

Farmers and AAA men in the whole northwest Iowa cash grain area agree with Thorsen. Some emphasize the size of the crop.

Corn acreage is up this year, says L. D. Brennan, a Palo Alto county farmer and county AAA chairman. He reminds us that many clover and alfalfa stands were winter killed. Extra acres went to corn.

John E. Scharf, Webster county farmer and AAA chairman, gives the same report on increased corn acres. It seems to be the general picture in northwest Iowa.

Along with the big acreage has come excellent weather. It's a big corn yield by everybody's estimate. Farmers in northwest Iowa expect 50 to 60-bushel averages. The government forecast is more than three and one-half billion bushels for the nation, the largest ever harvested.

Coupled with the big crop and the lack of storage is the curtailed livestock program in northwest Iowa. Jerry J. Bradley, Humboldt county AAA chairman, says:

"Overflow corn which in the past was fed to farm animals will flow toward markets immediately." He sees a serious threat to the northwest Iowa farmer's corn dollar next year.

These northwest Iowa conditions might have an unusual influence on the corn market, AAA men point out. This is the cash grain area where nearly every town has two grain elevators.

Farmers there normally move part of the corn from heavy yielding acres to market. With a bumper crop and short livestock numbers, corn movement might be several times what it usually is.

In this situation, AAA members and agricultural leaders advise four lines of action:

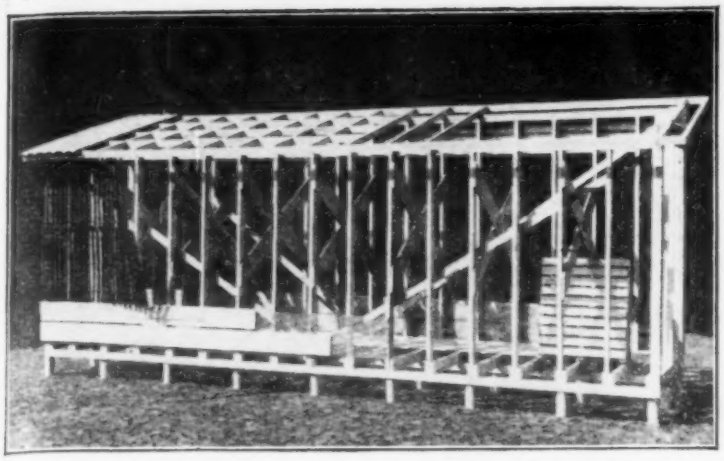
1. Immediate recognition of the problem. Become conscious of the situation while something can be done. If farmers wait until the last minute, there might be such a demand for scarce building materials and ready-made cribs that some could not get either.

2. Survey present farm storage. Make an estimate of your corn crop, feeding needs and storage space. Some, of course, have no problem. But many have.

3. Build temporary cribs where necessary. Plans for such cribs can be secured from the AAA office or the county extension director's office. Or ready-made cribs of various kinds are available on the market.

4. Cooperation among farmers to maintain a sound market. When a farmer keeps his corn off a market that is below the loan level, he is helping others as well as himself.

If a farmer should have more cribs than he needs, letting a neighbor seal corn in them, or using them for corn sold under a purchase agreement, will help to stabilize farm markets, to everyone's benefit.



This Crib is semi-permanent, 8 feet wide, 32 feet long, and can be 10 to 12 feet high. Capacity, 1,000 to 1,200 bushels. Notice rat-proofing and ventilator section. Complete plans for this crib, including bills of the necessary materials, can be secured by writing to the Agricultural Engineering Extension Service of Iowa State College.

Use Temporary Cribs To Store Corn

You Can Seal Corn In Them If The Roofs And Floors Are Good And Width Is Right

WHAT kind of a temporary crib will you need for your corn crop? There's a different situation on every farm. Here are some of them:

1. Some farmers have good cribs in which part of the crop can be sealed. They will feed a good part of their corn. In such cases, the simplest kind of a temporary crib can be used for the corn that will be fed this winter.

A round crib with a floor, but perhaps no roof, will hold corn without damage if the corn is to be fed to cattle or hogs before March.

2. Some farmers are short of good cribs and need the corn money this winter. They don't want to sell corn below the loan rate. They want to keep the corn on the farm for a better market or feeding purposes next summer.

These farmers will want to seal corn. Crib specifications for sealing corn will be announced by the AAA soon. But, according to past sealing programs, your crib will have to be something like this:

The crib must have a good floor, well off the ground. The roof will have to be good. It has not been finally decided whether the roof can rest on the corn in round cribs and still be eligible for sealing. Ask your county AAA committee.

Cribs must meet the widths set up by the AAA if the corn is to be sealed. Widths vary from nine feet in the area of southwestern Iowa to six feet in extreme northeastern Iowa. See your county AAA committee about widths in your county.

The sides of cribs can be made of boards, wire netting or snow-fence. Anything that will hold the corn without danger of breaking out will be accepted by the corn sealers.

3. Some farmers want price protection on their corn, but do not want to borrow money on it. These farmers will use the AAA purchase agreement. With this agreement, the farmer is guaranteed the loan price during the 30 days after corn loans mature.

Cribs will not be inspected by AAA men if you use the purchase agreement. You will be guaranteeing the grade yourself. You are your own crib inspector.

So it is still necessary that you have the corn in a good crib. But you don't necessarily have to follow the AAA sealing regulations.

If your corn is unusually dry, you might be safe in putting it in round cribs with a roof lying on top of the corn. Or the cribs could be wider than the regulations say if your corn is in extra good shape and you are willing to take the risk.

After you have considered your corn supplies and feeding needs, and after you have decided what type of price support you will use, if any, you still have to decide on the type of crib and find the material.

You may be able to buy either the ready-made cribs or material for making the old temporary type. The ready-made cribs would probably cost more per bushel. But the ready-made cribs would last longer. Some of them are really a type of permanent crib.

If a temporary crib cost 20 cents per bushel of corn to build, and would last five years, the yearly cost of storage would be 4 cents a bushel. If a semi-permanent crib cost 35 cents per bushel of capacity and would last 10 years, the cost for storage would be only 3½ cents annually.

But in some cases the material selected will have to be whatever can be found. Poles can be used for temporary cribs. A few farmers may be able to cut them on their own farms.

Old railroad ties make good supports for crib floors. In some areas, these old ties can be secured from the railroad company.

September is a good month to spot the material which you will need to protect your corn and the corn price. December might be too late.

THOUSANDS OF FARMERS ARE FIGURING THE

COST OF AN ELEVATOR

THIS NEW WAY—
since the Harvey has brought revolutionary new savings and conveniences

Question #1 **WHAT WILL IT COST IN DOLLARS AND CENTS—COMPLETE?**

Here is the cost—f.o.b. Racine—of a Harvey Elevator complete with the accessories you need.

22-FOOT BASIC UNIT with built-in hopper, chassis and hoist, wheels with DC rims for 16-ft. tires, *without drive attachment* **$280**

DRIVE ATTACHMENTS (Take your choice)
Speed Reducer V-Belt Drive Attachment with motor mount for gas engine or electric motor **$44.00**

Flat Belt Drive Attachment for slow speed engines **$12.50**

EXTENSION SECTIONS (Select length as needed)
4-Foot Section complete with chain **$29.75**

Extra 8-Foot Sections complete with chain **$46.50**

ACCESSORIES (Choose those you'll need)
6-Foot Tilting Feed Table complete with chain **$59.75**

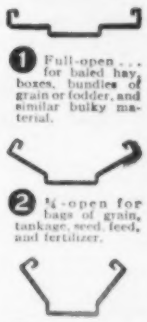
Bale Table Assembly (An added convenience on some jobs) **$12.50**

3-Foot Swivel Discharge Spout **$19.50**

(All prices f.o.b. Racine)

Harvey RACINE

SIDES CAN BE SET TO 4 POSITIONS



1 Full-open . . . for baled hay, boxes, bundles of grain or fodder, and similar bulky material.

2 ¾-open for bags of grain, tankage, seed, feed, and fertilizer.

3 ½-open for ear corn, vegetables, coarsely chopped forage.

4 Closed for small grain shelled corn, beans, peas, ground feeds, finely chopped forage, etc.

Question #2

WILL IT HANDLE ALL FARM ELEVATING JOBS?

The Harvey will. The 4-position sides can be adjusted in a few minutes, without a tool, to handle anything from small grain to bags and bales. The chain can be reversed to convey downward as well as upward. And the new Harvey is so light you can drag it right into a crib door.

Question #3

WILL IT MAKE YOU WORK AS WELL AS SAVE IT . . .

Force you to call in the neighbors to help you move it?

Not the new Harvey! You can wheel it around like feed cart—move it anywhere in barnlot or field. One man can fold it up for transport or for storage in a 20-ft. shed. This unheard-of ease of handling is due to the use of modern engineering principles and lighter, stronger materials. It is built like a streamlined train. Steel used is 50% stronger per pound than ordinary steel. Complicated bracing is needless with such extra strength materials.

Question #4

WHILE BUYING LABOR SAVING, WHY NOT GET THE MOST?

Compare features, materials, service with any other elevator! Write today for big illustrated folder and see all the ways this handiest of elevators can save your back.

HARVEY MANUFACTURING COMPANY, INC., DEPT. M-9
Racine, Wisconsin

Please mail information on New Harvey Elevator.

NAME _____

ADDRESS _____

TOWN _____ STATE _____

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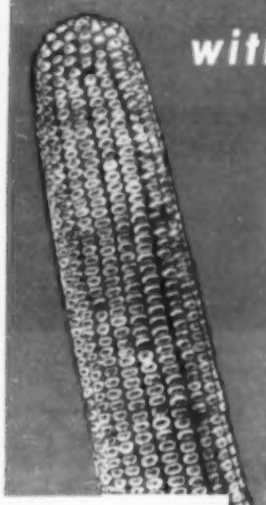
LOWE MULTIPLE PEDIGREE

The "CROP INSURANCE" Hybrid with 12 Inbred strains



Most hybrid seed corn is a combination of four inbreds chosen because of certain characteristics in the strains. LOWE RESEARCH has combined 12 to 16 inbreds in MULTIPLE PEDIGREE to minimize the possibility of a crop failure regardless of the elements. Thus you have a crop with varying tasseling time, assuring good polination even in the drouth years. Inbred strains resistant to all insects and diseases. Even in a dry weather year (such as 1947), Lowe Multiple Pedigree will give you a better than average crop and an assured profit. A corn breeding triumph . . . early, medium and later maturities. See your Lowe Dealer or write direct for more information about this amazing new hybrid.

FREE

New Edition of CORN FACTS.

24 pages of facts about corn diseases and insects, soil needs, weed control, harvest tips, etc. A reference book that you'll want to keep. Free while they last . . write today.

Originator of High Protein Hybrids

LOWE *Improved Hybrids*

LOWE SEED COMPANY 822 SIXTH STREET AROMA PARK, ILL.

It Pays to Pick Early!

Dry Your Corn with Behlen Forced-Draft Dehydrator

- Your corn is in before bad weather.
- Mechanical picker works cleaner, leaving fewer ears.
- You can plow the stalks under to help prevent corn borer.
- Early corn often brings premium price.
- Your corn is in ideal shape for Government sealing.

More Behlen Drying Equipment In Use On Farms Than All Others Combined.

Behlen Forced-Draft Dehydrator—Here is the dehydrator that pioneered corn drying. A proven successful drier that forces heated air through your corn in crib or ground pile. Quickly and easily reduces the moisture content well below the percentage considered safe against mold and rot. Dries the wettest corn in 8 to 15 hours.

Behlen All-Steel Ventilators and Tunnels—If you store corn—in a crib, on the ground, anywhere—these are fast becoming standard equipment. Allow free circulation of air. Strong, steel bar mesh. Welded after galvanizing to prevent rust. Millions of feet in use.

Write for full particulars and name of dealer near you.

Behlen All-Steel Ventilator is all air space; takes little room.

Behlen All-Steel Tunnel is valuable for removing corn.

BEHLEN MANUFACTURING CO.

DEPT. 102 COLUMBUS, NEBRASKA

Dump Trucks are used to fill the trench silos on the farm of Howard Hill, in Dallas county, Iowa. The trucks are run onto the silage for unloading. This helps to pack the silage.

Beat Hay Shortage With Silage

Temporary Silos In Ground Or Above Ground Can Still Be Made And Filled

Some farmers are short of hay because their clover or alfalfa killed out last winter. Some will be short of hay next year because dry weather or grasshoppers killed seedings this spring. Dean Wolf, of Iowa State College, tells, in this article, how farmers can meet the situation by using silage. The information comes from ISC farm specialists.

FIGURE roughage needs for the winter now. If you are short of hay, you will need about five tons of silage for every mature animal. That's the amount if you plan to feed a maximum of silage. If you have some hay, you will need less per mature animal.

If you would like to put up more silage this year, but don't have the extra silo space, consider a temporary silo. You can dig a temporary trench silo, or you can build a temporary upright silo out of corn cribbing or snow fencing without too much cost.

Both types have been used satisfactorily. The degree of success with a temporary silo will depend largely on the care used in construction and filling.

Location of a trench silo is the most important factor. Dig the trench in firm soil, free from sand and rocks. It's best on high ground, to prevent surface and sub-surface drainage water from entering. An ideal place is in a sidehill or a knoll.

Have lower end of trench on same level with and near the feed-lot. This makes it easier to remove the silage and provides good drainage for the trench.

Figure size of trench from your estimated daily feeding needs. A cubic foot of well-packed silage from a trench weighs 35 pounds. Each head of stock will eat from 20 to 40 pounds of silage per day.

You'll have less spoilage if the silo is of such size that you can feed a one to five-foot slice from it each day.

Silage tends to eat away the inside surfaces, so it is advisable to make the cross-section of the trench a little smaller than necessary the first year.

If you don't, the silo may become too large in two or three years, when you have to scale off the walls before filling again. Of course, you can line the trench with concrete.

If the trench is made too wide or deep, a large amount of spoilage occurs, because such a thin slice is removed at each feeding. Increase the capacity by increasing the length of the trench.

When filling a trench silo, more care is necessary in tramping and leveling than with a permanent silo. A light tractor, a truck, or several head of livestock driven back and forth will do a good job of packing.

Add enough water so the silage packs well, particularly along the walls. Heap the silage several feet above ground level. This provides for settling and for slope, so that the cover will drain. Round the center at least four feet higher than the side.

After filling, cover the silage. A good covering is 10 to 12 inches of wet straw or chaff, covered by three to five inches of moist dirt. The cover must be air-tight, to prevent spoilage.

A temporary upright silo made with snow fencing or corn cribbing, lined with heavy kraft paper, is quicker to build than a trench. However, a small outlay of cash is necessary for materials.

This type of silo is especially adapted to sections of the corn belt where the soil is not suitable for trench silos. It also appeals to the tenant because it can be moved easily and stored in a small space when not in use.

More care must be used in filling and packing an upright temporary silo than a permanent one. The weight must be distributed evenly, or the silo will lean and fall over. The silo must be placed on level ground to help keep it from toppling over.

At a touch of your fingers

Faster, Better, Easier Farming

with FARMALL Touch-Control

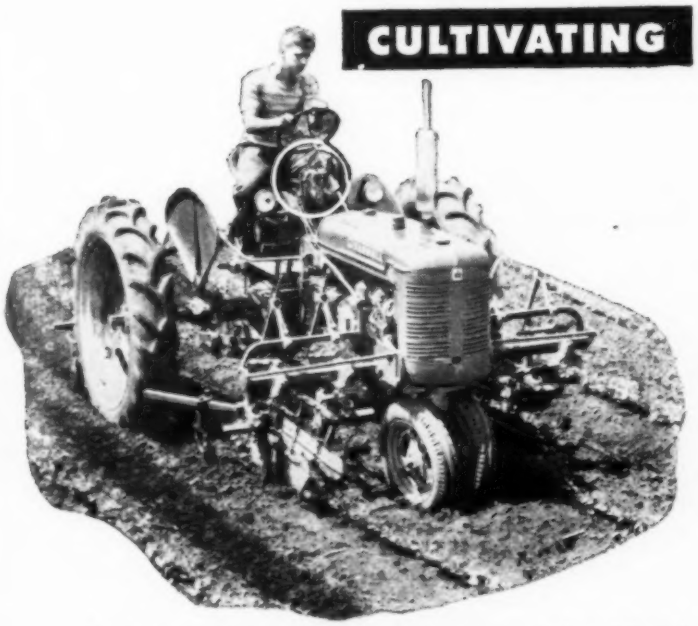
PLOWING

Farmall Touch-Control on this Farmall Super-A tractor lowers and raises the plow bottom and separately adjusts the drawbar height to change the depth of plowing.

PLANTING

This planter, forward-mounted on a Farmall C tractor, is easily raised by Touch-Control. Planting depth may be similarly controlled.

CULTIVATING



Front and rear cultivator units or left and right sections on this Farmall C may be lifted independently or their depth adjusted by Farmall Touch-Control.

THE MOST IMPORTANT IMPROVEMENT IN FARMALL FARMING SINCE 1923!

You will never have to tug and strain to adjust the implements on Farmall's Super-A, C, and Cub tractors. A "fingertip touch" on the Farmall Touch-Control lever instantly starts a powerful hydraulic system working for you.

You'll like Touch-Control's two-way action—so sure—so powerful. Its selective power will raise, lower, hold, or force down the implements.

Your friendly International Harvester dealer will be glad to tell you the full story about Farmall Touch-Control and how it fits into approved soil conservation programs.

INTERNATIONAL HARVESTER COMPANY
180 North Michigan Avenue Chicago 1, Illinois

Listen to James Melton on "Harvest of Stars" Every Wednesday Night, CBS

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Only International Harvester builds FARMALLS

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Disinfecting White Paint
IT'S MORE THAN ORDINARY DDT
It's a Disinfectant, DDT and White Paint all in one
Why spend money and labor on two separate, troublesome, expensive jobs when Carbola-DDT
DOES THREE NECESSARY JOBS
more completely, and with longer lasting effectiveness, in
ONE EASY LOWER COST OPERATION
(1) KILLS FLIES (2) KILLS DISEASE GERMS (3) GIVES WHITE WALLS
Kills spiders, 90% less cobwebs for 8 to 10 months.
Better barn sanitation; lower bacteria . . . Fewer poultry losses.
Hardware, Feed, Seed, Drug, Farm Stores—1 lb. 25¢, 5 lb. 75¢, 10 lb. $1.25, 25 lb. $2.75, 50 lb. $4.85. *Prices slightly higher in Rockies & S.W.*
For name of nearest dealer write to
CARBOLA CHEMICAL CO., Inc. Natural Bridge 123 N.Y.
Established 1916

Buy a Bond to Help Your Country and to Help Yourself in Later Years

Fertilizer cost is paid for by the landlord on this farm. Harry Rein, of Lee county, Iowa, pours a sackful into the spreader.

Share Fertilizer Cost On 50-50 Basis

Some Landlords Pay More Than Half Of The Cost To Even Up For Tenant's Labor

WHO pays for the fertilizer on rented farms? Old farm leases often do not say. The general use of fertilizer is comparatively new.

Custom will eventually establish a division of these costs between landlord and tenant. To find out how custom is fixing the division, Wallaces' Farmer and Iowa Homestead asked a group of Iowa farmers this question:

"In your neighborhood, when a tenant puts fertilizer on corn or small grain seedings, how do tenant and landlord divide the cost of fertilizer?"

About three-fourths of the farmers said that fertilizer costs were divided 50-50. This indicates that most farmers think fertilizer costs should be classed with costs of hybrid seed corn, threshing, etc.

There are some, however, who divide the fertilizer costs 60 per cent to landlord and 40 per cent to tenant. This is about one in 12, or 8 per cent of the total.

The 60-40 division has been favored by some on the theory that the actual cost should be divided evenly. The landlord's 60 per cent offsets the tenant's labor.

Some landlords do even better, however. Among the 19 per cent of the farmers who said other than the 50-50 or 60-40 divisions were used, there were landlords who paid all of the cost.

"I paid for all the fertilizer my tenant put on," said a Guthrie county landlord. "Let the landlord furnish the fertilizer and the tenant spread it," said a Cass county renter.

Others think that the landlord should furnish all the fertilizer only on legume seedings. Here is what a Clayton county landlord says:

"I pay for the fertilizer on the oats ground. The renter and I go 50-50 on the corn."

This kind of division can be justified in this way: Fertilizing the oats seeded to legumes produces future benefits in the legume crops. Short lease tenants might not get these benefits. But fertilizer on corn brings immediate cash benefits to both parties.

Young farmers gave less favorable reports on the 50-50 division of fertilizer costs than older farmers. In the group between 20 and 29 years of age, about 60 per cent said the 50-50 division was most used. More than three-fourths of older groups said 50-50 was the most common division of costs.

Owners and renters gave similar reports on the division of fertilizer costs. A little more than 73 per cent of owners reported the 50-50 division as most common. A little under 73 per cent of renters reported that their neighborhoods favored the 50-50 division.

At the present time, it appears that the 50-50 division of fertilizer costs between landlord and tenant is being established by custom.

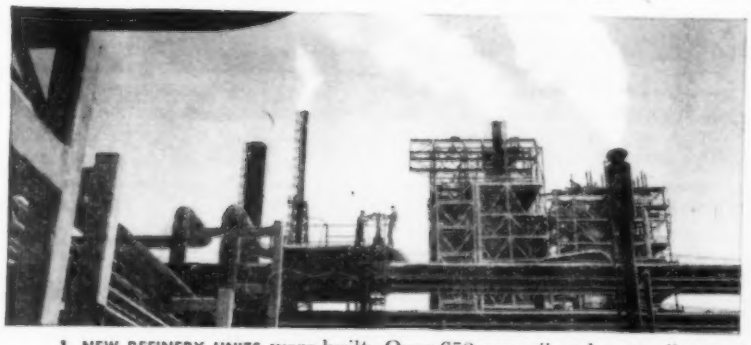
But on about 25 per cent of the farms, some concession is made to the tenant in dividing the fertilizer costs.

The reasons are: (1) The tenant performs labor of spreading material, and (2) fertilizer has unused values that accrue to the landlord. This is especially true in the case of short-term leases.

A WALLACE-HOMESTEAD POLL

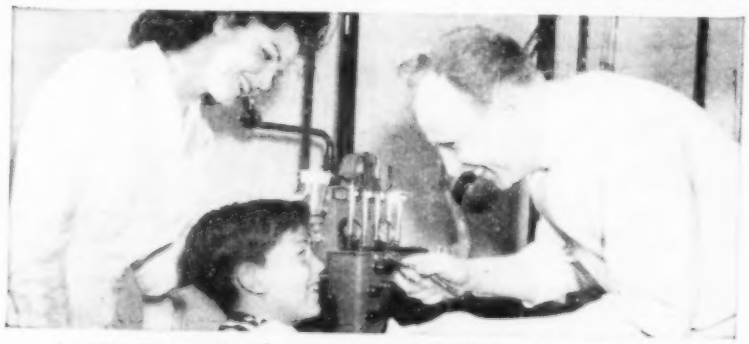
You dig down deep for the family

There's a deep satisfaction in providing the people who depend on you with the things they need. Of course, that takes money—but it's money well spent. That's the way we feel about a certain $220,000,000 we spent last year.



1. NEW REFINERY UNITS were built. Over 650 new oil and gas wells were drilled, 1,500 miles of new pipe lines were laid, every possible step was taken to increase petroleum production. Because this company and its subsidiary companies spent this money, we can now deliver more of the petroleum products which you and the nation need so urgently.

2. NEW JOBS ARE CREATED by this money. It also protects the jobs of these tank car loaders and the rest of our 46,000 employees. In 1947, wages and benefits for each of them averaged over $4,000, a new high. The investment in tools and equipment averages $24,600 per employee, almost four times the average for all industry.



3. THE 97,000 OWNERS of our company include dentists, teachers, housewives—many thousands of the kind of people you meet every day. These owners make the jobs at Standard possible. No one man or woman owns as much as 1% of the stock. No institution owns as much as 5%. As a return on our owners' money, we paid them average dividends of $314 per owner in 1947.

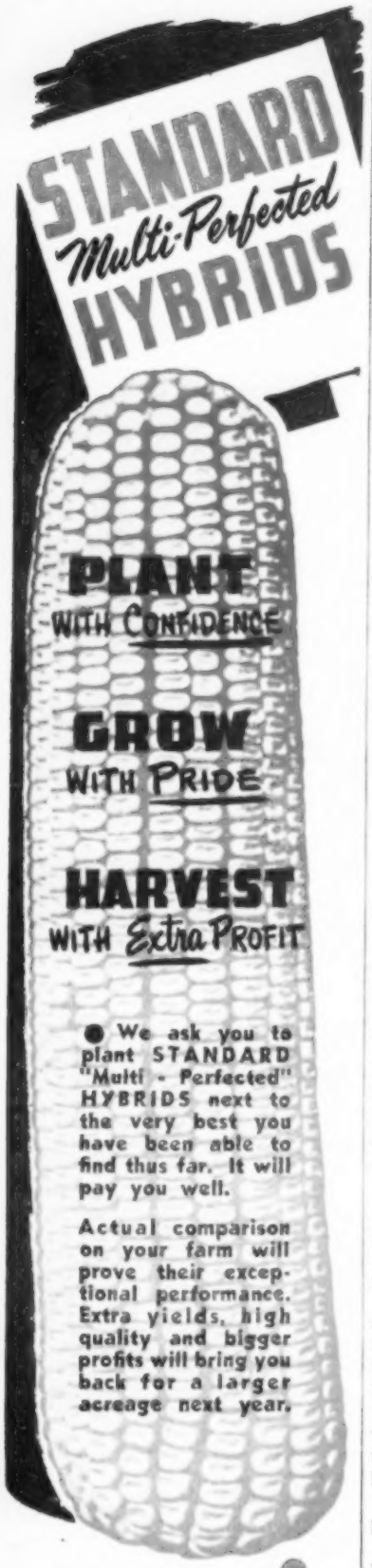
4. WHEN YOU STOP at the Standard sign, you benefit from the cooperation of many people; owners, employees, the thousands of independent dealers who handle our products, the suppliers from whom we buy the things we use in our business. Such teamwork is characteristic of America. In a country where everyone is free to do the best he can for himself, everyone benefits.

Standard Oil Company

(INDIANA)

STANDARD

STANDARD SERVICE



● We ask you to plant STANDARD "Multi - Perfected" HYBRIDS next to the very best you have been able to find thus far. It will pay you well.

Actual comparison on your farm will prove their exceptional performance. Extra yields, high quality and bigger profits will bring you back for a larger acreage next year.

● STANDARD "Multi-Perfected" HYBRIDS are available in three general maturity ranges. Our "400" series — 95 to 105 days. "600's"—105 to 115 days. "800's"—115 to 120 days. Write for beautiful 4-color circular and name of your nearest dealer or agent.

BERRY SEED CO.
CLARINDA, IOWA

Washington Wire

You Might Have To Lock Up Corn

Under the 1938 AAA Law, the Government Could Ask For Vote on Marketing Quotas

WASHINGTON, D. C.—How would you like to lock up part of your corn crop in a crib and promise not to sell or feed it until the government gave you leave?

That's the way marketing quotas work. And farmers may have to vote on marketing quotas this winter.

Nobody expected such action this soon. For most people had forgotten the provisions of the 1938 AAA law. But that law is still in force, and will be until the new long-range law takes effect in 1950.

The old AAA law says that if commodity supplies get too large, the secretary of agriculture must call for a vote on marketing quotas.

Cotton and corn are near that point now. On cotton, it may be possible to duck the issue. But corn may force a decision.

The decision on marketing quotas for corn, however, does not need to be made until February 1. By that time, a new administration may be in power.

If a vote is taken, farmers may turn down marketing quotas. But that action could lower corn loans.

This is another reason for thinking the new congress, in January, 1949, may be asked to make some changes in the present farm law.

Some effort will be made to cut supports from 90 per cent of parity in 1949. The idea is to have the long-range law, now starting in 1950, moved up to 1949.

Trouble here is that winter wheat men, relying on the promise of 90 per cent of parity in 1949, have already started to seed.

Could congress go back on its pledged word?

Corn will not be planted until next spring. Supports on corn could be cut. But would corn farmers accept an 80 per cent loan when wheat men were getting 90 per cent?

The house committee on agriculture forced the conference committee to extend Steagall supports thru 1949. Now it is hard to make a revision.

But the new congress will at least be asked to consider a lot of changes. One is to revise the charter of the Commodity Credit Corporation so it can buy up more bins. (Turn to pages 5 and 6 for more news and editorial comment on this.)

Declining prices for protein feed are causing the government worry. Processors of soybeans and flaxseed claim they can not pay growers support prices for these crops at present prices of meals.

It may be necessary for the government to pay processors a subsidy. Or to increase greatly the exports of meals as a way to stabilize the prices of feeds.

Exports of oil may be helped also. If processors make more on oil, even if less on feed, they would still come out even.

There's lots of concern down here about supporting grain prices at loan levels. Lack of storage space is making speculators figure that the loans and purchase agreements won't do the work of holding up prices.

Now there is talk that corn may go 20 to 25 cents below the loan level for a while this winter.

The hog support program broke down like this in the fall and winter of 1944-45. And the corn loan program showed weakness in November of 1942.

The Department of Agriculture has decided to continue with its present potato support program. It will buy at support prices and divert the potatoes into by-products.

Officials have considered another plan—authorized by the farm law—to permit prices to drop below support levels and to make up the difference in direct payments. Some farm leaders have objected to this. And their objections blocked the plan.

In view of the rising consumer irritation with the farm program, some folks here in Washington wonder if the farm leaders showed good sense.

The potato program has created much ill-will toward the whole farm plan. Reform in this field would have made things a little easier for farmers in the next congress.

How's land selling in your neighborhood? In most places, inflation continues to push up land values.

Nationally, land values are 2 per cent above the 1920 peak. But the corn belt states are not that bad off.

Sharpest increases during the past year were in the wheat states of Kansas, Oklahoma and Nebraska. California and Florida showed a drop. Weakness of citrus fruit prices was the cause.

The corn belt supplies of feeder cattle will probably be increased by a very small number as Canada lifts her war-time ban on exports. Canada may send only about 100,000 head of feeders into the United States by the end of the year.

This will not make very much difference in the price of feeder cattle. The real question is how much stuff will be moved out of the range states into the corn belt this fall.

ART KING WINS AWARD

Corriedale Fleece Gets Top Honors

CHEYENNE, WYO.—Judges at the 1947 International Stock Show picked for highest honors a Corriedale fleece exhibited by breeder Art King, of this city.

Earlier in the same year he sold a Corriedale ram for the highest price paid at a California show . . . over all breeds.

Three generations breed champions. "In 1916," says Mr. King, "my father introduced the Corriedale breed into this country. And now my son Jerry is raising it too . . . is sometimes my main competitor."

* * *

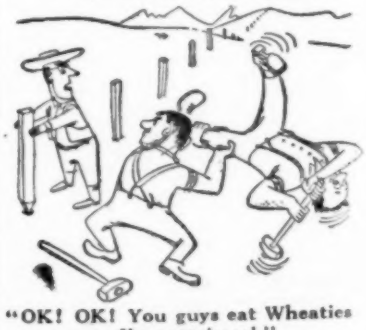
Wheaties a King tradition, too. "At the training table of the University of Wyoming was where I ate my first 'Breakfast of Champions'," says Art. "I was on the boxing and football teams. Wheaties still my favorite cereal."

Mr. King now eats his Wheaties three times a week. Prefers these nourishing whole wheat flakes with bananas, milk, sugar. No doubt his home gets the **Extra Big Pak** size, holding 50% more than the regular one. Popular wherever there are full size, outdoor families.

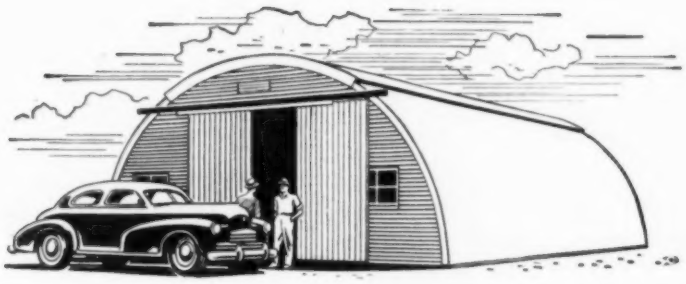
Many THREE-generation Wheaties families. More and more report all members, toddlers to grandparents, eating like champions. Has **your** family had their Wheaties today?

General Mills

"Wheaties" and "Breakfast of Champions" are registered trade marks of General Mills.



"OK! OK! You guys eat Wheaties . . . I'm convinced."



CORN IN A *Quonset** IS EXTRA MONEY IN THE BANK

Storing your corn in a Quonset . . . on your own farm . . . to sell at the right time—that, indeed, means extra money in the bank, because your corn will bring in extra profits.

You will save a lot by cutting storage and hauling costs. You will save a lot more by holding your corn until you can sell to your best advantage.

Look at the arithmetic. A low-cost Quonset 32 (32 by 36 feet), erected and equipped with ventilating tunnels and fans, holds up to 5,000 bushels of unshelled corn. Over the many years that the permanent all-steel Quonset will serve you, your corn storage costs per season become almost negligible.

Inspect a Quonset farm building in your neighborhood—see how readily it can be adapted to grain storage use, how valuable it will be for other farm uses between storage seasons.

Act today to make sure of having your Quonset in time. Call or wire for the name and address of your nearest Quonset dealer.

QUONSET ADVANTAGES

1 **Low Cost**—No other type of permanent building has the Quonset's superiorities at so low a price.

2 **Quick Erection**—Stran-Steel arch-rib construction means jiffy-fast completion.

3 **Permanent**—All-steel; durable, vermin-proof, fire-resistant, weather-proof.

4 **Adaptable**—Nailable Stran-Steel framing makes it easy to install bin liners, partitions, etc. at little cost.

5 **All-Year Usefulness**—Ideal for storing implements and machinery, and for many other farm uses, as well as for grain storage.

*REG. U.S. PAT. OFF.

YOU NAIL TO STRAN STEEL FRAMING

GREAT LAKES STEEL CORPORATION

Stran-Steel Division • Dept. 18 • Penobscot Building • Detroit 26, Michigan

UNIT OF NATIONAL STEEL CORPORATION

TWO-WAY DISC PLOW BY TOWNER

Thousands of progressive farmers are using the world famous TOWNER OFFSET DISC HARROW as a two-way plow . . . supplementing, even replacing, moldboard and one way disc plow operations.

Here's why:

TURNS THE SOIL TWO WAYS

Doing a double tillage job . . . without burying the top soil.

CONSERVES HORSEPOWER

Rolling moldboards give less drag . . . thus every unit of horsepower counts for *useful* work. A 35-40 HP Tractor is adequate for a 10½ ft. offset disc harrow.

LEAVES THE LAND LEVEL

Combined action of two disc gangs returns earth to its original location . . . preventing the usual movement of top soil toward the edge of field.

CUTS 6 IN. TO 8 IN. DEEP
(or as shallow as desired)

TURNS RIGHT OR LEFT

POWER-RATED FOR YOUR TRACTOR . . . available in sizes from 4½ ft. to 24 ft., with mechanical or hydraulic control . . . white iron or oil bath bearings . . . 22 in. or 24 in. blades.

Compare this amazing TOWNER OFFSET DISC HARROW with any tillage tool. It's the perfect answer for open field, orchard or vineyard . . . for summer fallowing, seed bed preparation, turning under grain stubble, cotton or corn stalks . . . and for vegetable farming. See it, try it and you will "*Till with Towner.*"

SEE THE TOWNER OFFSET DISC HARROW AT YOUR DEALER
SINCE 1915

TOWNER MANUFACTURING CO., Santa Ana, Calif.

Amazing New Modern ONE-ROW PULL-TYPE

CORN PICKER

Gets More Corn at LOWER HARVESTING COSTS!

"The Pick of Pickers"

GENERAL IMPLEMENT one-man PICKER

Write today for details of this new streamlined 1948 model single-row picker. Truly a "one-man" outfit. Improved, simplified, compact design, easier to run, cheaper to operate and maintain. Fewer moving parts. Fewer places to grease. Extra sturdy and rugged, yet light in weight. Built to last longer. In wet or dry fields, it does a faster, cleaner husking job. Husks 8 to 12 acres per day. Don't delay—act now. **Only a limited number available for Immediate Delivery.**

WRITE today for free illustrated folder and low regular list prices.

FARM SUPPLY CO. **Dept. W-9, Hamburg, Iowa**

OTTAWA Buzz Master

A faster brush cutter and wood sawing machine. Propels itself while cutting saplings and brush. 7 H-P motor. Many outstanding, exclusive features. Available attachments: sickle bar, rotary tiller, sprayer, air compressor, snow plow and pulley for belt work. Thousands in use. FREE booklet.

OTTAWA MFG. CO., 1-807 Brush Ave., Ottawa, Kansas

HIGHEST CASH PRICES

For new and used goose and duck feathers. Ship to:

MIDWEST FEATHER CO.
2300 S. Columbus Ave. Chicago 16, Ill.

BUY U. S. SECURITY BONDS

The **BEAR CAT**
Combination
GRAIN and ROUGHAGE MILL
Also **ENSILAGE CUTTER**

Grinds any feed—green, wet or dry. This feeder really takes in loose roughage, bundles or bale flakes and no monkey business about it. Large capacity guaranteed with ordinary farm tractor. Grinds grain, ear or shapped corn with roughage or separate. Has cutter head and swing hammers. Get full information on this real honest-to-goodness Grinder. Write

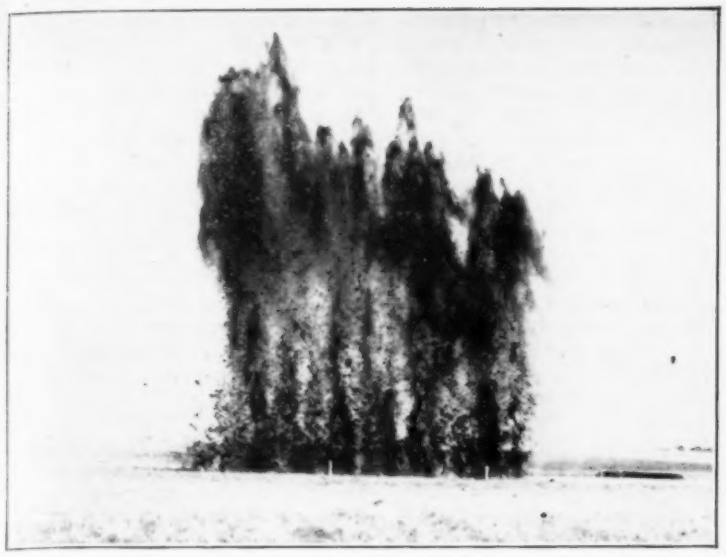
Western Land Roller Co., Box 175 Hastings, Nebr.

Almost 40 Acres on one slope will be protected by a couple miles of terraces when William I. Huff, Adair county, Iowa, farmer, has finished up this job. The first thing that Huff does is to make several rounds with his plow to rough out the terrace.

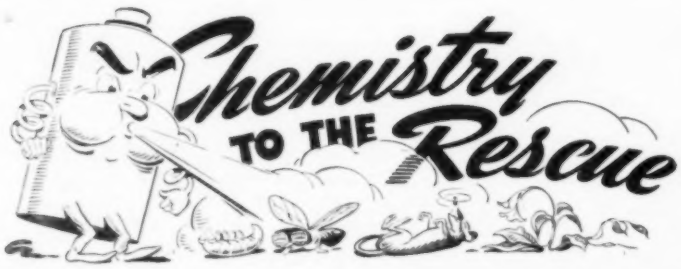
Terraces *Hold Soil, Water And Fertility*

WILLIAM I. HUFF, Adair county, Iowa, has several reasons for terracing. It's more convenient to farm without gullies, you save soil, water and fertility, and get bigger yields, he says.

A Cold Drink is always welcome when you are working out in the field in hot weather. Daughter Delores brings Huff a drink. In the bottom picture, he has changed from a plow to a scraper blade, and is smoothing up the terrace. Next he will seed it.



Dynamite was used to make a drainage ditch on the E. B. Engelkes farm, Grundy county, Iowa. Ditching dynamite was planted at 21-inch intervals in holes 3½ feet deep—three sticks in each place. One dynamite cap set off the entire charge—chain-reaction fashion. Resulting V-shaped ditch was 12 feet wide at top, six feet deep.



Control Cattle Lice

Tests made on more than 8,000 beef cattle in seven Great Plains and Rocky Mountain states during the winter of 1947-48 show that seasonal louse control means additional weight gains as high as 70 pounds per head. The tests of the new-type insecticides, called pyrenones, were supervised by entomologists from U. S. Industrial Chemicals, Inc.

The pyrenones can be used as dusts, dips or sprays. They are considered almost without hazard for animals or humans.

Safety Rules

Like any tool used around the farm, the new agricultural chemicals will give best results only if used properly and safely, the Agricultural Insecticide and Fungicide Association warns.

The association cites these rules for the use of pest-control materials:

Always follow directions on the labels or tags. Don't assume that a double dose will kill twice as many insects or weeds. That is wasteful, and may be dangerous.

Keep unused poisons locked up, out of the reach of children and pets. Mark the containers carefully.

When mixing or applying poisonous materials, wear a pair of gloves reserved for that purpose. Keep the poisonous materials out of your eyes and mouth. Avoid inhaling any fumes.

In long and continuous spraying or dusting, keep the body well covered. Wear goggles and a dust mask if called for by the manufacturer. In any event, don't spray into the wind.

After any exposure, wash your face and hands thoroly. After long exposure, bathe and change your clothes, which should be washed frequently.

Don't let animals feed on crop remnants that have recently been treated, nor graze under freshly-sprayed trees.

Burn or bury empty packages and bags, but do it outdoors on a still day, with proper precautions against highly inflammable material.

High Protein Wheat

Wheat growers may sometime be able to control the percentage of protein in their wheat by applying chemical plant growth regulators such as 2,4-D, say two University of Idaho agronomists, L. C. Erickson and C. I. Seely.

These men say the percentage of protein in wheat increased when sprayed with 2,4-D, regardless of variety and of whether the grain or straw yields were increased or decreased.

The Idaho men will tell you that the protein increase might be the natural result of reducing yields below the amount the available nitrogen supply could produce. They do not know as yet what the chemical is going to do to the quality of the protein.

Fumigate Soil

Before long, fumigation of soil in the fall may up the yield and quality of many crops.

That's the prospect announced by scientists of the United States Department of Agriculture, after tests in killing soil fungi and nematodes with tear gas and other chemicals.

When used in the fall, the fumigant is out of the soil before planting time. As yet, soil fumigation is too expensive for ordinary field crops, but may be of practical value for truck gardens.

TO YOU THE LABEL ON THE BAG
Says "Occo MINERAL COMPOUND"
BUT TO MINERAL STARVATION
It Says:

It's a fact that Occo Mineral Compound says: "Get Off This Farm," to that invisible thief, "Mineral Starvation." It spells exile to this silent foe of livestock and banishes his stealing of health, growth and the ability to produce from your farm.

Occo furnishes essential minerals that are too often lacking in today's grains, forage crops and other feeds. That's why Occo gives mineral balance to livestock rations . . . why it fortifies the nutritional value of your farm-grown feeds with essential minerals so necessary to good health . . . fast, thrifty growth . . . increased production of milk, eggs or wool.

Yet Occo costs so little . . . and is so easy to use. It costs so little because such a small amount is needed to bring mineral balance to rations. And it's so easy to use because it fits right into almost any feeding program and helps that program check "Mineral Starvation." Get additional facts from your nearby Occo Service Man . . . or write us direct.

LOOK FOR THE OCCO SIGN ON YOUR OCCO SERVICE MAN'S CAR

ADD Occo MINERAL COMPOUND TO LIVESTOCK AND POULTRY RATIONS
OELWEIN CHEMICAL COMPANY OELWEIN, IOWA

WINTER TIME LICE, MITE AND MANGE
Pests fear these NEW Pesticides

Now you can get full-coverage protection against many insect pests with these two new pest-killing pesticides.

Pay-U Disinfectant Paint and Dusting Powder with DDT—use as a dusting powder—or as a clean, snowy white disinfectant paint. Gives long-lasting protection from lice, red mites, flies, mosquitoes, fleas and bedbugs. Ideal in poultry and livestock houses because it disinfects without making the quarters damp.

Pay-U Lice, Mite and Mange Powder: Contains amazing benzene hexachloride. A new wettable powder insecticide. Can be used as a spray, dip or sprinkle. As a spray, is effective for control of sarcoptic mange on swine and cattle. Sprinkle for control of lice on hogs and poultry. As a dip or spray, for control of lice and ticks on cattle and sheep.

Rid Hogs of Large Roundworms this new safe, easy way Contains sodium fluoride, *plus* other ingredients which both "cushion" the shock of worming, and serve as a gentle laxative. Just mix Pay-U Large Roundworm Expeller with feed—your pigs worm themselves. The easiest way in the world to kill 95% or more, of thrift-robbing roundworms—already successfully used in worming more than 25 million pigs!

Keep Pay-U Pesticides on hand for insect emergencies. For sale at your local dealer's or write.

Pay-U laboratories
See Your Dealer for Pay-U Insecticide . . . and Other Pay-U Pesticides
QUINCY, ILLINOIS

—PUT SOME OF THAT EXTRA CASH INTO SECURITY BONDS—

OUTSIDE STUFF

FRANCIS Beecher was feeding his hogs when I stopped. He works in town, but also operates a farm and raises a lot of hogs in Johnson county, Iowa. He had just hulled some 1948 Clinton oats. A pail of them lifted like a pail of wheat. The hulled berries were about the size of wheat.

• • •

HE'S keeping 12 sows for fall pigs because "it looks like a good feeding ratio."

• • •

IN THE last couple weeks, I've had a ringside seat at two events I enjoyed. I was taking pictures of William I. Huff, Adair county, Iowa, as he built a terrace in one of his fields. We heard a terrified squealing along the fence row.

• • •

WE DASHED over to the fence and saw a big, six-foot bull-snake hanging onto the hind foot of a gray ground-squirrel. The big snake finally wrapped around the squirrel and crushed him.

• • •

I THINK the squirrel could have freed himself if he had turned and taken a bite at the snake. Instead, the terrified squirrel just tried to run. Once the snake got its tail around him, the squirrel was a goner.

• • •

I DID learn that a snake of this family does dislocate its jaws in order to swallow small animals. I also learned it is not true that a bull-snake can not spit out anything which it has started to swallow.

• • •

IN ORDER to get better pictures we tried moving the snake from the tall fence-row grass over to a plowed strip. The snake spit out the squirrel and took off. Boy, he was mad!

• • •

THE pictures I took are fine to look at, but I'm afraid they wouldn't print well here. Anyway, the sight was a little creepy.

• • •

ANOTHER event I enjoyed was the 95th anniversary of the Jones county, Iowa, fair. I covered my first fair for Wallaces' Farmer and Iowa Homestead in 1923. I've attended fairs until I'm pretty well jaded.

• • •

I WENT to Jones county only because Truman Stanton had been after me to see their Fat Steer Show. And I was surprised—at the exhibits, the crowds, the livestock, the beauty of the layout.

• • •

FEW expositions are blessed with as perfect a natural amphitheater as the Monticello fair grounds.

• • •

HOTTEST thing at the show was the fat steer contest, open to the world. There's a report on that show in this issue.

• • •

CARL Zimmerman, work unit conservationist in Adams county, Iowa, is pleased with the progress farmers are making in building terraces. Three years ago, about 11 miles of terrace was built. Last year, 18 miles was constructed. This year, Zimmerman says 30 miles of terrace has been built up to now.

• • •

PASTURE improvement work is also making headway in Adams county. Zimmerman has quite a story he tells in order to sell pasture improvement. He says the average quarter-section farm in Adams county has 40 or 45 acres of pasture.

YET most owners don't expect the pasture to really help pay for the farm. They use 120 acres to pay for the 160, and let the old blue grass pastures get by with almost no contribution. At this time of the year, these pastures are too full of ragweed and poverty-grass to fatten anything—or to make any milk.

• • •

PASTURE renovation has some strong salesmen among the fellows who have tried it.

• • •

INCIDENTALLY, there is 14 acres of virgin prairie sod on the Adams county farm owned by Joe Davis and operated by his son Frank. They mow it for hay once a year. It's one of the few places where you can see the native Iowa prairie grasses.

ONE grapevine ripens early for F. A. Hedinger, Adams county, Iowa. Grapes from it were good eating by mid-August this year.

• • •

YOU certainly appreciate fruit trees, grapes, berries, etc., if you have them on the place. But it really is a job to take care of them properly.

• • •

TRUMAN Stanton says he likes to hand-feed gilts. It's more work, but he gets better acquainted with them. At farrowing time, he can work around them without any fuss.

• • •

MOST of his 23 gilts have farrowed fall litters and have dandy pigs. His empty corn crib made a fairly cool, breezy farrowing shed.—W. D. Inman.

PIONEER-Bred sin

Largest Commercial Corn

PIONEER ORDER YOUR SEED

GOP Landslide?

Do Republican candidates for president, senator and governor have the Iowa farm vote in their pockets? Or will the race again be a close one, as it was in 1944?

The Wallace-Homestead Poll now is checking to see how Iowa farm people plan to vote in November. You'll find a full report in our issue of September 18.

Iowa Buys Fertilizer By Trainload

Iowa farmers used 229,372 tons of fertilizer, not including lime, in the year ending June 30, 1947.

Of this total, 146,397 tons was mixed fertilizer, 82,975 tons was single-material fertilizers.

These figures come from a USDA survey reported in the June, 1948, issue of "Agricultural Chemicals" magazine.

Most popular mixed fertilizers in Iowa were 2-12-6 and 3-12-12. Almost half the total used—68,651 tons—was 2-12-6. Iowa farmers also used more than 21,000 tons of 3-12-12 and 10,000 tons of 4-16-0.

Superphosphate, of course, led the list of individual materials used. The total for 0-20-0 was 48,000 tons.

About 8,000 tons of nitrogen fertilizers — mostly ammonium nitrate—was used. Only 780 tons of potash, in the form of 0-0-50 or 0-0-60, was used in the high-lime areas.

Tips for September

SHORT of corn storage space? Good temporary storage for corn will pay handsome dividends this fall. Corn prices are likely to sink below support levels at harvest time.

▲ ▲ ▲

AN IDLE horse barn is being fixed up for low-cost temporary corn storage on a Cherokee county, Iowa, farm. Stalls will be ripped out. Wire cribbing will serve for crib sides. Wire will be stretched about three feet from sides of the barn, to give the corn ventilation.

A TEMPORARY corn crib built in a back corn field will cut down hauling at picking time, one Sac county, Iowa, farmer has discovered. The crib is out where it will get plenty of ventilation. And the corn can be shelled later and hauled in when work eases off.

▲ ▲ ▲

AN EMPTY CONCRETE silo is doubling as a granary on a Jackson county, Iowa, farm. Packed chopped straw was used to fill the pit to ground level—then covered with kraft paper. Be sure to check the silo first to see that it is moisture-tight. Use tar to close any leaks in the siding.

▲ ▲ ▲

EARLY SPRING pigs will pay good dividends in 1949 for the man with equipment and "know-how." Now is the time to look over your hog drove and pick out sows for spring farrow.

▲ ▲ ▲

RYE SEEDED NOW will still produce fall pasture. Sam Stephens, Washington county, Iowa, also likes to use it for early spring pasture.

▲ ▲ ▲

REPAIR FENCES and gates around fields which will be grazed thru fall and early winter. Dave Hedenstrom, of Chicksaw county, Iowa, finds early September a good time to get this job out of the way.

▲ ▲ ▲

POULTRY PROFITS should be good this winter. Insulate and fix up your laying house. Temperature control aids in maintaining egg production in both cold and hot weather, Lee Hill, Warren county, Iowa, has found. A three-foot straw loft or an eight-inch fill insulation over a tight ceiling should be the first step. Next, use a double wall with a one to one and one-half-inch dead air space; or, instead, you might use a double wall with a three and one-half-inch fill, using a water-proof membrane back of the inner board wall.

▲ ▲ ▲

GET THE CHILDREN ready for school. See that youngsters starting to school know the danger of passing automobiles. Give "practice training" in safe crossing of streets or walking on highways. Bright-colored clothing adds to safety on highways.

▲ ▲ ▲

HELP THE CHILD to look on the teacher as a friend, and school life as a happy experience. He should be able to play with others happily, and be cooperative.

▲ ▲ ▲

GET HARVESTING machinery ready. Roy Rawson, Woodbury county, Iowa, likes to get this job done before he is ready to go into the field. Check over the corn picker and combine.

▲ ▲ ▲

BUILD TEMPORARY shelters for livestock. Fred Brueck, of Dallas county, Iowa, has found straw sheds give him cheap yet first-rate shelter. You can use either baled straw or corn bundles. Make a strong framework of posts and old wire, to withstand winds and the rubbing of livestock. Locate buildings on high ground to give good drainage.

1913 ... Planted since 1924

rn reeding Program in America

Perry Collins, in charge of Algona, Iowa, station

Earl Collins, in charge of Harvard, Illinois, station

Melvin Temple, in charge of parent corn, shown at Tipton, Indiana

Ray Snyder (left), in charge of Yellow Springs, Ohio, Station

NEW AND BETTER HYBRIDS

Pioneer corn breeders give you a steady flow of new hybrids that keep outdating formerly good hybrids . . . hybrids that give higher yields, better roots, stronger stalks, more resistance to disease and insects, greater adaptability to corn pickers, and improved feeding value.

Your local Pioneer representative will help you select the Pioneer hybrids for your farm. If he hasn't yet seen you, he soon will. Order your Pioneer seed supply through him. Plant dependable Pioneer hybrid seed corn in 1949.

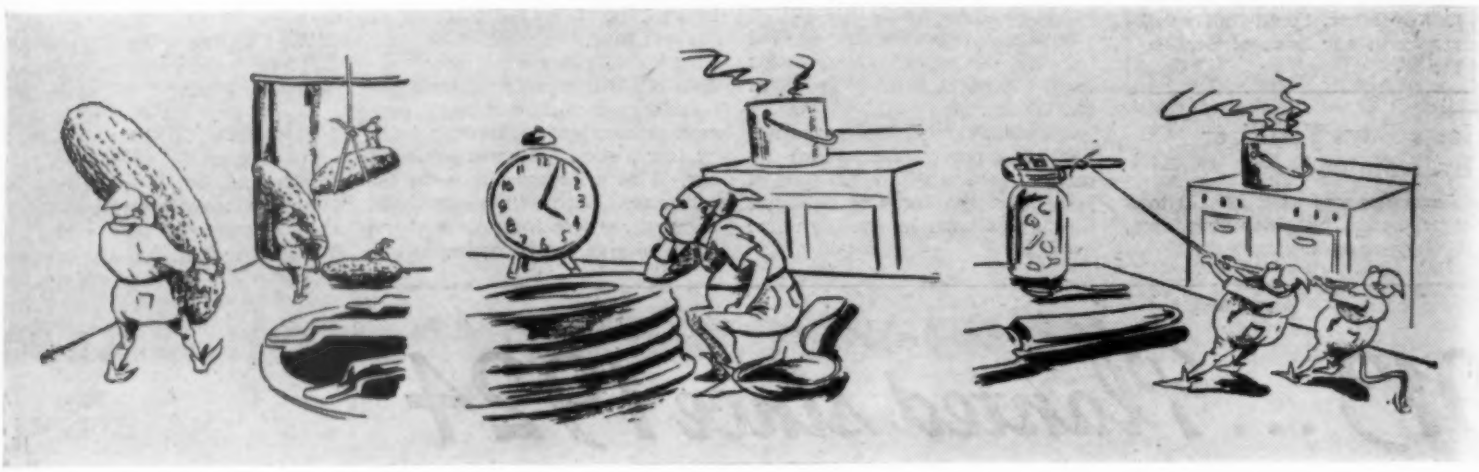
TESTS: James Weatherspoon (right) tests thousands of crosses every year

FEEDING TESTS: S. G. Baker helps with research work on feeding value

D ORN NOW FOR 1949 PIONEER

Homemaking Department

Edited by ZOE MURPHY



Spicy Pickle Stand-Bys

PICKLING time really isn't a season. It can begin in late June or early July, when the first green beans are ripe. But we generally think of early fall as the time when the pungent smell of vinegar and spices fills the air.

There is such a variety of pickles—both fruit and vegetables. We are offering a few that may be new to you.

CHILISAUCE

20 tomatoes
12 apples
10 onions
1 bunch celery
2 green peppers
1 red pepper
¼ cup salt
3 to 3½ cups sugar
1 tablespoon cinnamon
1 teaspoon cloves
1 quart vinegar

Scald and cut tomatoes and chop into small pieces. Peel apples and chop in small pieces. Peel onions and put thru grinder. Remove seeds from peppers and put thru grinder. Cut celery in small pieces. Add salt, sugar, spices and vinegar. Cook two to three hours, place in jars and seal.

SWEET CUCUMBER PICKLES

After cucumbers have been properly brined six to eight weeks, soak in cold water overnight. Change water twice the next morning. The cukes are now ready to be covered with spiced vinegar.

To half a gallon of cukes use a quart of apple cider vinegar. Add a cup of sugar and two teaspoons spices tied loosely in a cheesecloth bag. Bring vinegar, sugar and spices to a boil and pour over cukes. Remove spice bag to prevent discoloring the cukes.

Next day, pour off vinegar, add another cup of sugar, bring to a boil and pour over cukes. On the third day, drain off vinegar, add another cup of sugar, bring to boil and pour over cukes. Allow these to stand until they have a good flavor. If sweeter pickles are desired, add another cup of sugar. Usually three cups of sugar to one quart of vinegar will be enough.

For rings, cucumbers may be cut before spiced vinegar is added.

Pack pickles into glass jars and cover with the same spiced vinegar after bringing to a boil.

PICKLED BEETS

12 medium-size beets
1 cup beet liquid
1 quart white vinegar
1 cup sugar
4 teaspoons salt
1 tablespoon mustard seed
1 tablespoon celery seed
1 teaspoon whole cloves
2 sticks cinnamon
3 medium onions, sliced

Remove tops from beets, leaving half-inch stems. Cook until tender. Drain and retain one cup cooking liquid. Remove skins, roots and stems. Slice beets. Combine one cup cooking liquid, vinegar, salt and sugar. Tie spices loosely in a cheesecloth bag and add. Bring to a boil.

Add sliced beets and onions. Simmer five minutes. Remove spice bag. Quickly pack into hot, sterilized jars, one at a time. Fill jars, taking care that vinegar solution covers vegetables. Seal at once. Makes five to six pints.

Crystal Pickles

Put 25 cucumbers of dill size in a brine strong enough to float an egg and enough to cover. Select cukes with a bit of stem.

Let stand for two weeks. Take out and drain. Wash. Then cut in thin slices.

Put a piece of alum as big as a walnut in enough water to cover cukes. Immerse sliced cukes. Let stand overnight. (This really crisps them.) Drain and wash.

Tie in a sack two sticks cinnamon, one-fourth teaspoon mace, one tablespoon whole cloves. Add to one quart vinegar and two quarts sugar. Bring to a boil.

Pour on sliced cukes. Repeat three mornings, draining off and bringing to a boil. On fourth morning, put cukes in jars, pour vinegar solution over them and seal.

Add green coloring if you wish. Pretty and, oh, so good.—Mrs. Lloyd Hahn, Polk County, Nebraska.

GREEN TOMATO PICKLES

10 pounds green tomatoes, cut in fairly large pieces
9 pounds onions, cut in fairly large pieces
8 large, sweet, green peppers, seeded and chopped
4 hot red peppers, seeded and chopped
1½ quarts vinegar
1 pound dark brown sugar
3 cups white sugar
⅓ to ½ cup mustard seed
1½ teaspoons celery seed
3 teaspoons turmeric

Cut tomatoes, put three-fourths cup of salt over them and let stand overnight. Next morning, drain them well.

Put the vinegar, sugar, mustard, celery seed and turmeric in a kettle and bring to a boil.

Add onions and let boil for five minutes. Add tomatoes and peppers, bring mixture to a boil slowly and simmer for about five minutes. Stir with a wooden spoon.

Pack pickles in clean, sterile, hot jars and seal. Let stand for a few weeks before using.

INDIAN RELISH

6 quarts green tomatoes
2 quarts onions, 4 red peppers, 3 green peppers, chopped

Sprinkle with half cup salt, let stand overnight. Drain off juice next day and bring to boil in solution of one-fourth cup vinegar and one cup water. Drain off liquid from vegetables. Mix following ingredients and bring to a boil:

6 cups sugar
1½ tablespoons cinnamon
1½ teaspoons cloves
2 tablespoons white mustard seed
2 quarts vinegar

Add chopped ingredients and boil 45 minutes. Seal.

Linda Claire is the six-month-old daughter of Mr. and Mrs. Loren Hanna, Davis county, Iowa.

Look Under Ticking

THIS year, tho prices are higher, many mattresses are scientifically planned to give you the right amount of sound and comfortable sleep.

"Inner-spring" is the word that comes to many an Iowa homemaker's mind when she thinks about that "dream" mattress. Inner-springs are made with a series of coil springs padded at the top and bottom with layers of downy cotton felt, hair or lamb's wool.

A good inner-spring never has fewer than 180 coils, while a quality mattress is often made up of as many as 900.

The upholstered layers which cover top and bottom of the coil unit may be of felted cotton, or curled hair, or latex pads.

If a latex pad covers the springs, it should be at least an inch thick and cover the entire mattress surface.

One type of solid-filled, cotton mattress, called the "compartment filled," has many of the inner-spring construction features. Ticking panels are strengthened by light-weight felt quilting, and the inside of the mattress is a "compartment" made of muslin walls and filled with layers of high-quality cotton felt.

Other cotton-filled mattresses of the better type contain long-fibered (staple) cotton, felted into layers. Mattresses made from the shorter, second-grade cotton "linters" are less expensive, but they pack and lump after a short time.

Kapok, a vegetable fiber, makes exceptionally soft, light mattresses. They need frequent sunning and airing, however, and their life expectancy is comparatively short.

You'll be hearing more of rubber mattresses made of foamed latex—the whipped-up milk of the rubber tree. The millions of tiny air bubbles that are formed when this is baked give latex mattresses their floating ease as well as firmness.

Since it is only three to four and one-half inches thick, this mattress will probably be combined with a special box spring about 10 and one-half inches high.

The original cost of a good mattress may seem high at time of purchase. But it should, with care, repay the price many times over in sound sleep and comfort.

NEW! Breeze
Hard Water SUDS Discovery!

MAKES DISHWASHING FAST! FAST! FAST!

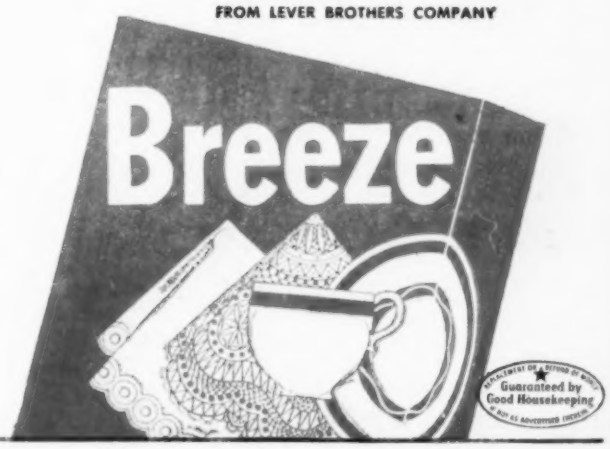
1 **Instant suds**
...makes Dishwashing FAST!

2 **Cuts grease**
...makes Dishwashing FAST!

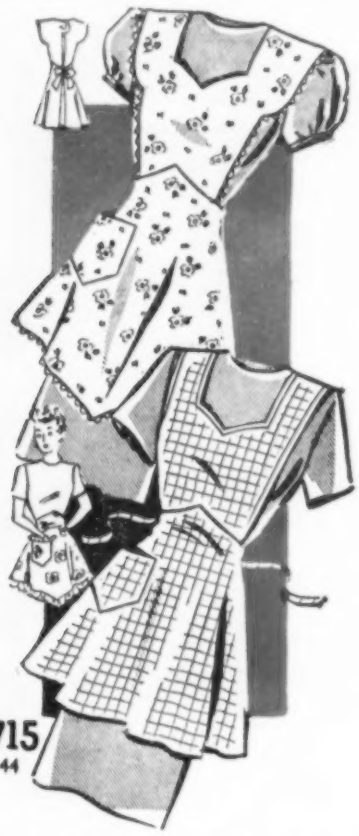
3 **No more hard water scum**
...makes Dishwashing FAST!

4 **No wiping**
...makes Dishwashing FAST!
Dishes dry with no wiping ... glassware, sparkling bright!

NEW! FASTER-WORKING SUDS FROM LEVER BROTHERS COMPANY

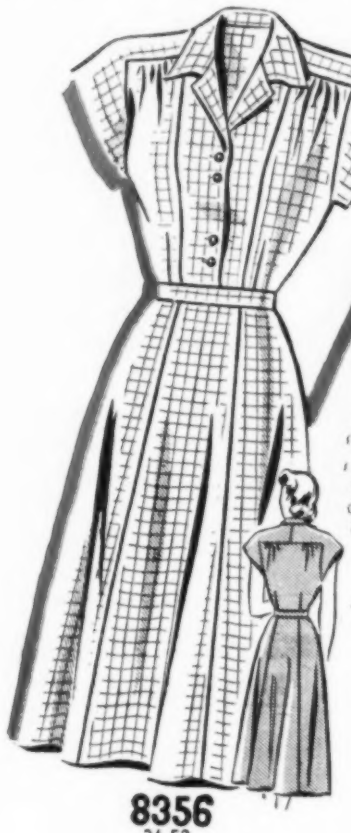


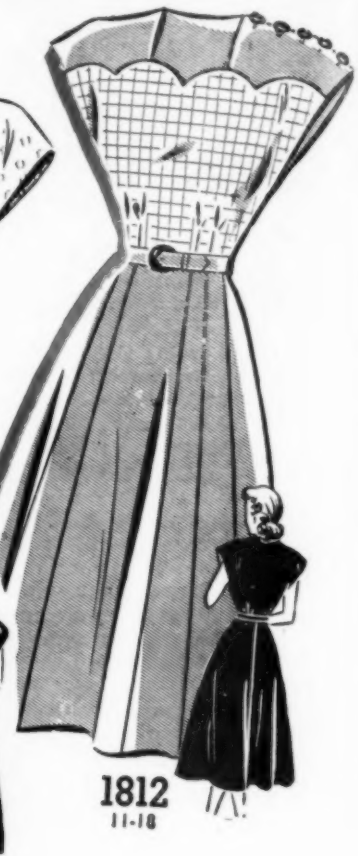
Beauty in Styles for Fall Wear



No. 1715—Pretty aprons suitable for hostessing or kitchen chores. Easy sewing. Sizes 14, 16, 18, 20, 40, 42 and 44.

No. 8356—Neatly tailored daytime dress, shirt-waist style. Comfortable as can be. Sizes 36, 38, 40, 42, 44, 46, 48, 50 and 52.





No. 1794—Dainty scallops outline neckline of this slimming date frock. Note the pert back flare. Sizes 10, 12, 14, 16, 18 and 20.

No. 1812—Two blending fabrics team up nicely for this youthful frock. The shaped yoke buttons on one shoulder. Sizes 11, 12, 13, 14, 16 and 18.

No. 8338—For special occasions. Charming, well fitting. Buttons down the back, and a softly rolled collar. Sizes 12, 14, 16, 18 and 20.

No. 8355—Here's a simple frock that will delight beginners in sewing—it goes together like a charm. Sizes 12, 14, 16, 18, 20, 40 and 42.

No. 8325—A charmer, with or without a crisp white collar. Flattering gored skirt. Sizes 14, 16, 18, 20, 40, 42, 44 and 46.

No. 8353—Adorable dress, with cute flower applique and matching panties, will delight every little girl. Sizes 2, 3, 4, 5 and 6 years.

No. 8358—Use bright plaid cotton or wool for this clever little school dress, and trim with gay buttons and tiny collar. Sizes 6, 8, 10, 12, 14 years.

Patterns are 25c each, in coin or stamps—coin preferred. The new Fall and Winter FASHION is 25 cents also. Contains a new pattern. Order from the Pattern Dept. of Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa. CAUTION: Be sure to put your name and address on your order.

Alice and Linda Hadley literally moved their bedroom to the Iowa State Fair, where it won top honors. Here they are in their Hardin county, Iowa, home, in the room before it was packed up and moved.

COOKERY CORNER

FRENCH SALAD DRESSING

2 teaspoons salt
2 teaspoons dry mustard
2 teaspoons paprika
2 teaspoons celery seed
¾ cup sugar
½ cup vinegar
2 cups salad oil
2 tablespoons grated onion

Put in top of double boiler. Stir well. Feel with fingers to see that the mixture gets less than blood-warm. It won't thicken if it gets too warm. Remove from heat and beat until thick. Keep in refrigerator. Shake before using. — Mrs. Casper, Madison County, Iowa.

BAKED BEANS MARIA

2 cups navy beans
1 teaspoon salt
2 cups canned tomatoes
½ cup molasses
3 medium sliced onions
¼ pound bacon
½ pound hamburger

Soak beans overnight. Add salt and cook until beans are tender. Brown hamburger in a tablespoon of fat, add tomatoes to beans and cook five minutes, add browned hamburger. Pour half of this mixture into a greased casserole. Add one-half of the molasses. Cover with thin slices of onion. Add rest of bean mixture, onion slices, and top with bacon strips. Add rest of molasses. Bake for two hours in a slow oven. — Harriett Russell, Richardson County, Nebraska.

MOTHER'S APPLE DUMPLINGS

3 sour apples
1 cup sugar
¾ cup flour
1 teaspoon baking powder
¼ teaspoon salt
1 beaten egg
½ cup milk
1 tablespoon melted butter

Peel, core and chop apples and mix with sugar. Make batter by sifting flour, salt and baking powder together, and add beaten egg and milk to make a drop batter. Stir in melted butter. Mix apples in batter until every piece is coated. Then fill greased baking cups and bake in a 350 to 375-degree oven for about 30 minutes or until firm and brown on top. Serve hot with cream or lemon sauce.—Mrs. Morris Doty, Harrison County, Iowa.

SPOON BREAD

2 cups milk
4 eggs, beaten separately
1 cup cornmeal
1 teaspoon salt
1 tablespoon butter

Scald milk; sift in cornmeal; add salt, butter and egg yolks. Remove from fire, add beaten egg whites. Pour into a buttered pan and bake at 350 degrees till firm. Serve hot in pan in which it is baked.—G. B., Black Hawk County, Iowa.

EGG-SALAD TOMATO CUPS

4 medium-size tomatoes
1 three-ounce package cream cheese
Light cream
3 hard-cooked eggs, chopped
2 tablespoons chopped onion
¼ cup chopped green pepper
½ medium-size cucumber, chopped
½ teaspoon salt
¼ cup salad dressing

Peel tomatoes, cut slice off each top and scoop out centers with a teaspoon. Sprinkle lightly with salt. Invert to drain. Blend cream cheese with enough cream to soften. Line tomato shells with cheese mixture. Combine remaining ingredients; fill tomato cups. Chill. Pass additional dressing. Serves four.—Miss Myrtle Odland, Wright County, Iowa.

CREOLE RICE WITH CHIPPED BEEF

1 slice bacon, diced
1 small onion, minced
½ cup shredded dried beef
1½ cups cooked rice
1 cup cooked tomatoes
Salt and pepper
1 green pepper, chopped
1 teaspoon Worcestershire sauce

Cook onion and bacon together until onion is golden brown. Add dried beef and saute lightly. Add remaining ingredients; simmer over low heat for 30 minutes. Serves two.

FREE WITH EACH 50 lb. SACK OF

Mother's Best FLOUR

IT'S AMAZING HOW THIS WONDERFUL FLOUR IMPROVES BAKING

MARY FOSTER

TRY IT NOW!
GET YOUR FREE ONE-QUART SAUCE PAN—WHILE THEY LAST

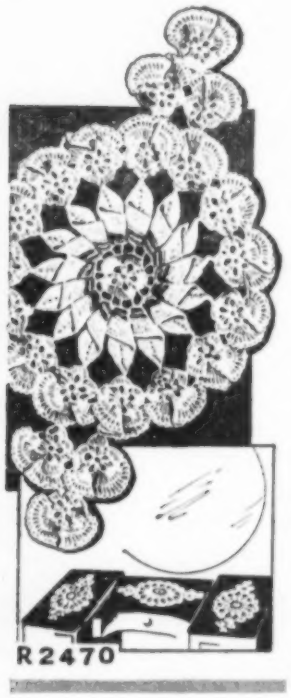
This is a grand opportunity to try Mother's Best Flour. You'll be amazed how it gives glorious baking success. Bakes marvelous cakes and pastries as easy as bread and rolls. No finer flour in all America. Try it soon for all your baking. Bread, biscuits, cake, pies, rolls, muffins, cookies. You need no other flour. Buy a 50 lb. sack now and get a fine aluminum sauce pan FREE. Your grocer has a sauce pan with each 50 lb. sack. Don't put off. Get yours now, while they last. Ask your grocer for MOTHER'S BEST FLOUR right away.

Mary Foster

BOTH VITAMINS AND MINERALS ADDED

FOR THE BEST EATIN' PANCAKES — TRY Dixianna PANCAKE MIX

Attractive Needlework Designs



No. 2470—Dainty crocheted pansies edge a swirled-leaf center to make a lovely vanity table or chair set. Especially pretty when lavender and purple shades of cotton are used for the center pansy and border and the leaf is made in white.

No. 5159—Here is an apron you'll wear happily thru cannings and jam-making. Blue and white striped percale, decorated with red strawberries, is a pretty and practical combination. Sizes 34, 36 and 38.

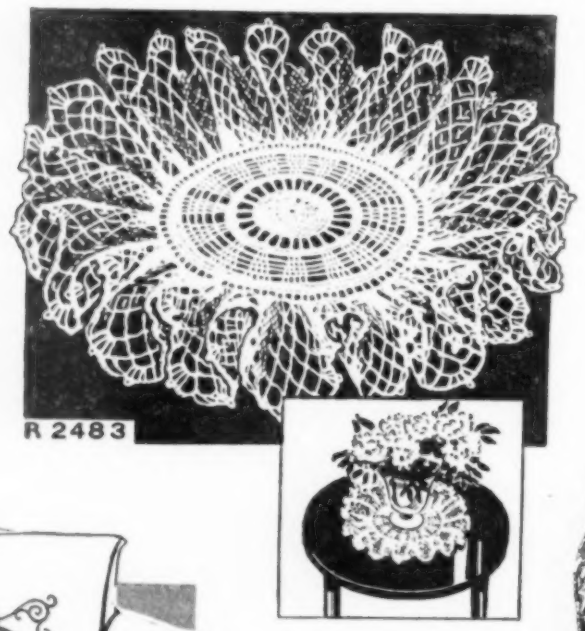
No. 5155—This mammoth butterfly makes an elegant companion for a favorite chair. Crocheted in the ever-popular pineapple motif, the butterfly measures 18 inches from wing-tip to wing-tip, and is at its best when made up in white.

No. R-2176—This simple-to-make, luxurious-to-wear bed-jacket makes a prize trousseau gift or a sweet thought for a bed-ridden friend. Use kitten-soft flannel for cozy comfort—silk crepe or satin for glamour. Small, medium and large sizes.

No. R-2183—You can crochet this sea-foam ruffled doily with little more than a flash of a crochet hook. Make it of crisp white cotton and starch the ruffles to fluffiness.

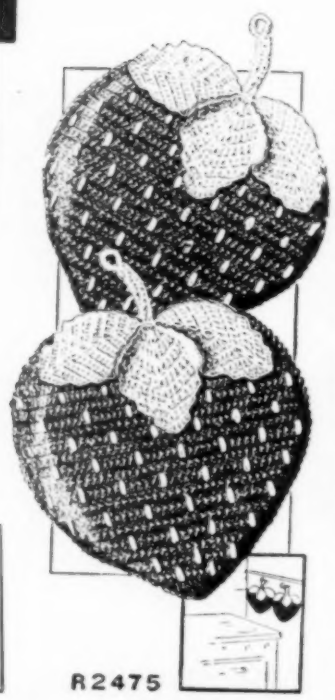
No. R-2513 — Love-birds, blue-birds and canaries in technicolor will pep up the kitchen or bathroom. Lovely as shower or other gifts. You'll enjoy the relaxation of this needlework.

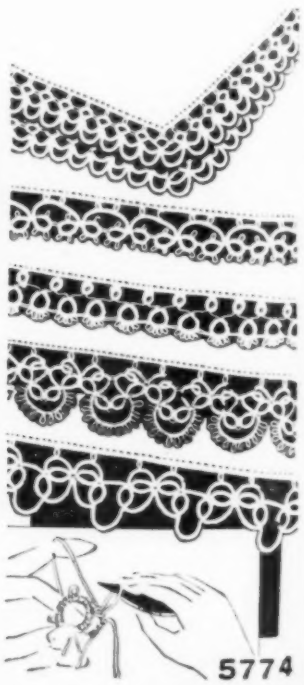
No. R-2475—A big strawberry pot-holder is easily and quickly crocheted of sturdy cotton. Green seedings and leaves are added after the red strawberry is completed. Measuring seven inches, these holders give real protection to the hands.



No. 5774—With a wave of your magic tatting shuttle, you can easily create these beautiful handkerchief edgings. Tatting is a very simple needle-art to master, as there is only a single stitch involved, and once you get on to it, you can work a mile a minute.

Designs are 20c each, in coin or stamps (coin preferred). Fall and Winter FASHION, 25c. Valuable helps and free pattern included. Send your orders to Pattern Dept. of Wallaces' Farmer and Iowa Homestead, Des Moines, Ia. CAUTION: Always put your name and address on order.





COUNTRY AIR

By ELIZABETH C. WHERRY

THERE was a letter the other day from a Chicago attorney whose wife had lived in northeastern Iowa. These Chicagoans were a bit nostalgic for word of the soil, as are many other city people. This column is dedicated to all such.

* * *

My city friends, let me tell you what Iowa is like in this Good Year of 1948. Maybe you didn't come out to see "the folks," but took your vacation in Canada, the mountains, or at the lakes. Perhaps you saw Iowa last year in what Louis Bromfield calls "the evil year of 1947."

* * *

The other day, I drove over to the home farm. The well-spaced rains have kept even the roadsides green. Blue grass pastures are so lush that brown seed-heads are lost to sight.

* * *

The golden contrast to the rich green of corn, second-crop alfalfa and roadsides consisted of vast scatter rugs of ripe oat fields.

* * *

There is a Biblical beauty to a field of shocked grain, but it doesn't take long to grasp the significant glory of a field left to ripen a little longer for the combine.

* * *

A huge, lumbering beast, spitting straw from its spout, follows the tractor back and forth across the fields. An extra tractor waits for the oats to be dumped into the wagons. Still another tractor is off down the lane, hauling the oats to the granary.

* * *

Power machinery makes a brilliant spot of color in the tawny fields and spells the answer to the high-priced man-power shortage. It speeds up the farmer's operations. He still battles weather when weather has to be battled; but food can be saved faster when the weather is right.

* * *

One makes a hasty estimate of machinery investment in an oat field. Combine, windrower, tractors, wagons, and perhaps a car and a pick-up or truck. Maybe Mother is bringing lunch to the men. Maybe Dad just has the car handy to dash to town in case a new part is needed.

* * *

Besides going to the home farm, I went to what we had always called "the other place." The man now living on the farm calls it "up on the acres."

Well, it's up, all right. It was mostly a pasture farm until recent methods of soil conservation made it possible for the man of the house to till more of the land without it's washing away.

* * *

I drove out "on the acres" at the "other place" for the first time this year. Hills are always more dramatic than level land. I love to view the kingdoms of neighbors in all directions from our highest hill.

* * *

And, oh, my city friends—those corn fields! How can nature come back so quickly from the "evil year of 1947" to the Good Year of 1948?

* * *

The contoured detasseled rows of our seed corn field made wide strips of rich green that was "picked out" by the narrow strips of tasseled male corn.

* * *

Everywhere, corn leaves are broader than I've ever seen before. They're so full of life and sap and chlorophyl that they seem to have deeper ruffles in order to make more square inches thru which to soak up more sunshine.

* * *

The stalks are as thick as my wrist, straight and sturdy. There are two ears to nearly every stalk. The stubby brace-roots are busy paying up wind insurance, branching out far up the ankles of the corn. Corn is a heavy feeder—it takes a lot of the earth to grow such a plant.

* * *

The fields are a thick-laced jungle, free of weeds, because cultivation time was a good, dry, hot, weed-killing period.

* * *

A big crop will lower the price of corn, but city people can't feel that lowered price in meat for at least a year. It takes time to put a crop and a steer together.

* * *

Even then, it will depend upon how many people are demanding a supply of beefsteaks and pork loins.

* * *

Wise city people know it is impossible to divorce the beauty of the land from economics. I always wish the economics could be as satisfying to everyone as is the beauty.

* * *

Anyway, as I drove on home, I was glad to see a tired farmer bringing the cows up with a tractor instead of on foot.

Let "R. F. Dee" Bring You a Modern Kitchen Anywhere!

"R.F.Dee," symbol of the nearly 1000 Thermogas and Rapid Gas dealers throughout Iowa, Wisconsin and Illinois, will bring a modern kitchen to your home beyond the city gas mains. Rapid Gas and Thermogas are the perfect L.P. "bottle" Gas fuels for cooking, water heating, and refrigeration in the country. They are cleaner . . . purer . . . hotter! See the Thermogas or Rapid Gas dealer in your vicinity today. He will gladly show you how, through installing Rapid Gas or Thermogas, you can have a comfortable, efficient, modern kitchen of your own. It's fun to cook with gas . . . Thermogas or Rapid Gas will truly bring you "City Convenience, R.F.D."!

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You can enjoy the luxury of automatic water heating by installing Rapid Gas or Thermogas in your home today!

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Rapid Gas or Thermogas makes Servel Refrigeration possible in your home beyond the gas mains!

COOK WITH GAS
It's easier to cook better meals on a new gas range fueled by Rapid Gas or Thermogas!

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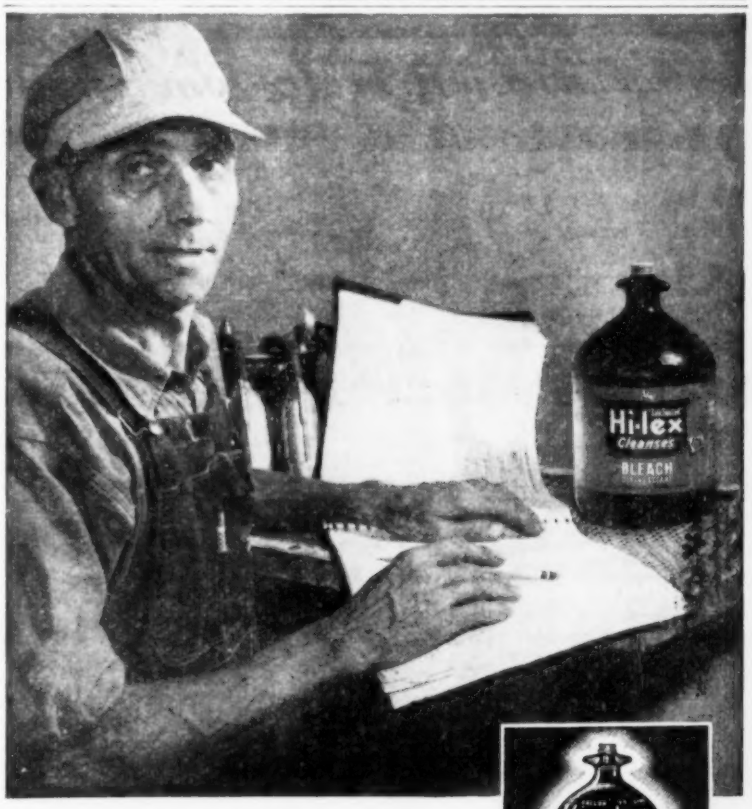


Hi-lex helps keep bacteria count down—milk profits up
says Iowa Dairyman

"I'm always going to make sure that our milk is wholesome by using Hi-lex to help keep the bacteria count down," says Walter G. Eppling of Sioux City, Iowa. "I use it for washing the udders before each milking as well as for cleaning and soaking my milking equipment. It's good—and economical!"

BUY Hi-lex . . . BUY THE GALLON . . . BUY THE CASE

You Can Be a Baking Champion
WITH THIS BLUE RIBBON RECIPE FOR

Pecan Schnecken

Mrs. Lynwood Johnson
Joice, Iowa
First Prize Winner
1947 Worth Co. Fair

PECAN SCHNECKEN

- 6 egg yolks
- 1 cup butter, or vegetable shortening
- 1 cup cool cream or top milk
- 1 cake compressed yeast
- 3 cups Omar Wonder Flour
- ½ cup granulated sugar
- 1 cup chopped pecans
- ¼ teaspoon salt

Dissolve the yeast in the cool cream or top milk. Cream butter or fat with sugar and salt and add the egg yolks gradually, then blend in the yeast mixture and the flour. Mix until the dough leaves the sides of the bowl or until smooth and silky. Cover bowl and store in the refrigerator over night. Dredge board with the sugar and pecans. Toss dough on the board and roll out very thin, about ¼ inch. Roll up like a jelly roll and fit the ends together as in making a tea ring. Place on greased cookie sheet and with a scissors cut through the dough making circular cuts in the top of the ring. Allow to double in bulk. Bake 400° F. until lightly browned about 20 to 25 minutes. Sprinkle with cinnamon and sugar or top with powdered sugar glaze.

★ ★ ★

Your family will love this delicious "Country Coffee Cake" made with Omar Wonder Flour. Prize-proven Omar Wonder Flour has helped win 14,653 baking awards at state and county fairs. Let Omar Wonder Flour help you be a baking champion right in your own kitchen. Omar guarantees complete baking satisfaction or your money back. Buy Omar Wonder Flour today . . . try it . . . then listen to your family's praise.

"Puts Magic In Your Baking"

ENRICHED
Omar Wonder FLOUR
WINNER OF 14,653 BAKING AWARDS

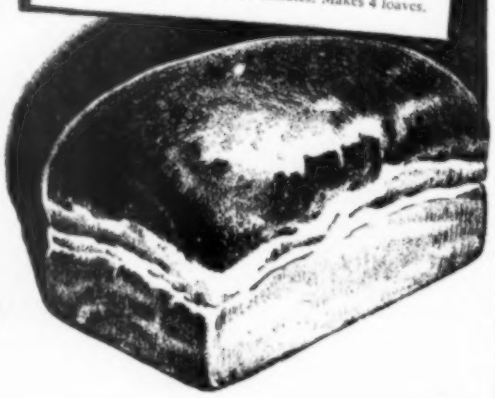
PRIZE WINNER TELLS JUDGE HER

BAKING SECRET

QUICK METHOD BREAD

3 packages Red Star Dry Yeast
¾ cup warm water
½ cup sugar
5 teaspoons salt
3½ cups lukewarm water
11½ cups sifted flour
5 tablespoons shortening

Dissolve 3 packages Red Star Dry Yeast in ¼ cup warm water. Let stand 2 to 3 minutes. Place ½ cup sugar, salt and 3¼ cups water in a large bowl. Stir yeast solution thoroughly and add to this mixture. Add half the flour and beat well. Add melted and cooled shortening, stirring vigorously. Add remainder of flour, stirring until well mixed. Place dough on lightly floured board and knead 5 to 7 minutes. Shape into smooth ball and place in greased bowl. Brush top lightly with shortening. Cover and let rise in warm place for 45 minutes. Punch dough down; shape into loaves and place in greased pans. Brush tops of loaves lightly with shortening. Cover and let rise in warm place for 45 minutes. Bake in moderately hot oven (400° F.) for 50 minutes. Makes 4 loaves.



KAY ROGERS SAYS: "You, too, can bake prize winning bread and rolls with RED STAR. This wonderful yeast gives extra rise and extra flavor. Try this RED STAR Quick Method bread recipe today."

RED STAR DRY YEAST

The average Iowa farm woman bakes at least two pies a week. Here, Mrs. Harry Gaass, of Polk county, Iowa, takes a pie from the oven of her new electric stove.

How Many Cakes Did You Bake?

If You Are an Average Iowa Farm Wife, You Still Do a Lot of Home Baking

HOW many homemade cakes and pies did you eat or bake last week? If you're an average farmer in Iowa, you helped to eat two pies and two cakes.

If you're an average farmer's wife, that's what you baked.

A Wallace-Homestead Poll, interviewing on the farm a cross-section of Iowa's farm population, found that in the week before the poll, the average baking record per family was as follows:

Pies	2.31
Cakes	1.74
Cookies (dozen)	1.93
Rolls (dozen)	1.23
Bread (loaves)	2.02

"You should have asked me that question about this week's baking," said a farm woman in Union county. "I baked a lot more this week than last. We had both pie and cake for dinner today."

But some folks probably baked more in the week covered by the question. So the state average worked out about right.

Practically all Iowa farm women bake. In the week in question, 96 per cent reported some baking.

Women from age 30 thru 49 did the most baking. Their families were bigger and were eating more.

Women with young children and women whose children had left home didn't go as heavy on the cake and pie.

Another way to check baking habits is by the size of the flour sacks women usually buy.

Here, too, the middle group bought mostly 50-pound sacks. Older women were inclined to buy 50-pound sacks, too, even if they baked a little less. But the women under 30 said that the 25-pound sack was their favorite size.

We asked: "How many, on the average, do you serve at each meal?" Here are the answers:

20-29 age group	3.5 persons
30-49 age group	4.4 persons
50 and over	3.6 persons

Baking habits vary. One woman said: "We don't eat much bread, but lots of hot rolls. One daughter is always mixing up a batch."

Home baking, as you might guess, had a lot of support:

"I like baker's bread myself, but the family insists on homemade bread."—Monroe County.

"I do my own baking. It's much cheaper. More people should do it."—Franklin County.

"We bake everything. We had to buy some during the war, but now we have only our own bakery goods."—Tama County.

"I think there's more nourishment in homemade bread, and it's cheaper, too."—Greene County.

"I must apologize for buying a pie. It's very unusual for us to do that. But I had club that day, and sent Mister to pick up something at the bakery, and that's what he got."—Clay County.

Big baking sprees used to come at threshing time when the neighbors came in to help and stayed for dinner. That's not so common now.

But community picnics bring out fine collections of cake, pies and cookies. Look around the Iowa Fair grounds this year, and see the cakes and pies in basket lunches brought from home.

In winter, neighboring meetings sometimes produce rivalry as to who brings the best layer cake. That's the kind of competition husbands and boys like to see.

A WALLACE-HOMESTEAD POLL

Fun On The Farm

These Boys Are Finding Opportunities
To Have Good Times On Iowa Farms

Fishing In The Back Yard

There's a lake on the Steve Anderson farm, in Dallas county, Iowa. Bob (in the striped shirt) and his pal need go no farther than the back yard to enjoy some real fishing. Mr. Anderson is with them.

4-H Club Pig Makes Pet

Bob and Jimmy have found that you can make a pet out of a baby pig. They are raising this one for a 4-H Club project. Bob and Jimmy live with Mr. and Mrs. Frank Bucklin, of Jasper county, Iowa.

The Family Plays Croquet

There's nothing like a game of croquet to build good fellowship in a family. Bob, Mr. and Mrs. Lyman Oaks and Shirley Oaks take time out for a good, stiff game. The Oaks family lives in Madison county, Iowa.

The boys shown in above pictures have been placed by the Iowa Children's Home Society.

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Delicious MEAT

... and a SACK of

Mild

BARBECUE SAUCE

in a single can!

each flavor kept separate in its original full richness

Your choice of
WIENERS or BEEF or PORK
with flavor-tight SACK O' SAUCE IN EVERY CAN

These meats, and *all* other Oscar Mayer products, are prepared under U. S. Government inspection.

Try all three of these delicious Select Meats

4 generous servings in every can

Each has its own special barbecue sauce, blended to bring out the flavor.

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Easy now to serve *Quick Meals*
and get treats that formerly took hours to prepare

A remarkable new Sack O' Barbecue Sauce is now packed in each can of Oscar Mayer Meats. This flavor-tight sack, an exclusive Oscar Mayer feature, keeps the mild, delicious barbecue sauce entirely separate in flavor from the rich, lean, tender meats until ready to heat and serve. Takes only minutes to prepare a main dish or an appetite-satisfying snack with these new meats, or to combine with other foods for an economical one-dish meal.

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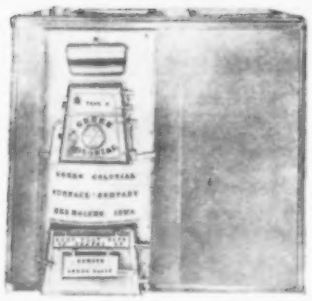

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BLOWER FOR WINTER HEAT OR SUMMER COOLING

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Please send complete information on NEW furnace and FREE Heating Survey.

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It costs very little to make your living room as charming as this one. Start with a new Alexander Smith Floor-Plan Rug. Let its rich colors be the basis of your color scheme. It's easy. The simple color rules in my new, FREE book, "Colorama," will guide you. Send for it today. Write Clara Dudley, 285 Fifth Ave., New York 16, N. Y. Dept. WL-4.

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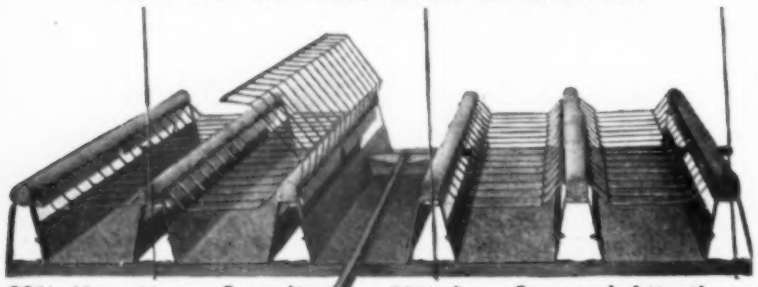
THEY PAY FOR THEMSELVES IN ONE YEAR



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ALUMINIZED STEEL FRAMES

Eliminate vermin and disease. Increase Production at Lower Cost. Ventilated spaces and Kerosene Reservoirs insure healthier birds—easy to install—easy to clean—satisfying the trade for over 20 years. Guaranteed to please Write at once.

Mention inside measurements of house and number of birds housed

PROTECTO MFG. CO. OWATONNA, MINN.

An attractive mother and daughter are Mrs. Leonard Regur and Linda Lee, of Van Buren county, Iowa.

Personal Problems

Making Friends

DEAR LUCILE: I kept company with a fellow for several years—but quite suddenly the affair ended, and I've had no dates since then. I'm over 30, have some nice clothes, and am attractive enough, but lonely and dissatisfied.

We're moving to a new farm in a couple of months, and I want to try and start a new life for myself. I'm quiet and shy; I can not dance or skate, or do anything social; but I want to get acquainted and make friends. What is the best way?—Ida.

Ida: I suspect that love affair that ended suddenly has given you an inferiority complex.

When you settle in this new community, start to church and to the social functions in the schoolhouse or wherever the center of activity may be. No matter if nobody comes to invite you—go anyway.

Look your prettiest; be friendly but not forward. Offer to do things you do well, no matter how small. Making coffee or cleaning up after lunch. Anything that gives you a chance to get acquainted and work yourself in as part of the group.

Will Is Woman-Weary

DEAR LUCILE: What is the matter with me? I can't get interested in girls. They are all tough-acting, and want boys to act the same way.

Back in high school days, I had my first date. I acted like I considered a gentleman should. A few days later, I asked this girl to go to a show. She turned me down because she said I was a sissy and didn't kiss her goodnight. Ever since then, I have run across the same thing in girls. They don't appreciate gentlemen.

I've quit having dates. I just stick to the farm and keep out of trouble. But I might want to get married some day. What do you think?—Will.

Will: I think you've been extremely unfortunate in the girls you've chosen. It simply is not true that gentlemen aren't appreciated. They are!

Start over again. And choose more carefully next time. To be sure, you'll want to get married. Who ever heard of a farmer without a wife?

Rheumatism Yields To Specialized System Of Treatment

Excelsior Springs, Mo., Sept. 4.—So successful has a specialized system proven for treating rheumatism and arthritis that an amazing new book will be sent free to any reader of this paper who will write for it.

The book entitled, "Rheumatism," fully explains why drugs and medicines give only temporary relief and fail to remove the causes of the trouble.

The Ball Clinic, Excelsior Springs, Mo., has perfected a specialized system of treatment for rheumatism and arthritis combined with the world famous mineral waters and baths. This new system of treatment is fully described in the book and tells how it may be possible for you to find freedom from rheumatism.

You incur no obligation in sending for this instructive book. It may be the means of saving you years of untold misery. For writing promptly, the Clinic will send their newly combined book entitled, "Rheumatism—Good Health, Life's Greatest Blessing." Address your letter to The Ball Clinic, Dept. 40, Excelsior Springs, Missouri, but be sure to write today.

HOW YOU CAN SAVE FOOD & MONEY WITH HANDI-BAGS

More than 150,000 enthusiastic housewives are using this convenient way to keep foods fresh, tasty at low cost—with plastic Handi-Bags. They keep lettuce, vegetables crisp—bread, pastry, fresh and moist for more than a week. Wonderful for meat, cheese, fish too. Can be used over and over, will not crack. Set of six bags $1.75 value for only $1.00 includes:
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2—8½"x12" bags for butter, chops & 2 clips
Enjoy economy of foods kept fresh in space saving Handi-Bags right away. Send $1.00 for each set today. We ship immediately prepaid. Money back guarantee. No C.O.D.

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PROFESSIONAL 7" x 5" ENLARGEMENT 10c

Sensational introductory offer! Send snapshot or negative, this ad, and 10c. We'll send you a beautiful 7x5" enlargement! Or, Kodak roll developed and printed (with free coupon) only 25c; or 8 giant prints from roll, 30c. Reprints from negatives—any quantity—regular size, 3c; Giant size, 4c. Satisfaction guaranteed. Immediate delivery. No delay. Write for Free Mailers, Free Premium offers. AMERICAN STUDIOS, Dept. 342, LaCrosse, Wis.

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Contain controlled amounts of essential minerals, proteins, carbohydrates and original vitamin sources — all in one proved and economical egg-making feed.
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Now She Shops "Cash And Carry"
Without Painful Backache
Many sufferers relieve nagging backache quickly, once they discover that the real cause of their trouble may be tired kidneys.
The kidneys are Nature's chief way of taking the excess acids and waste out of the blood. They help most people pass about 3 pints a day.
When disorder of kidney function permits poisonous matter to remain in your blood, it may cause nagging backache, rheumatic pains, leg pains, loss of pep and energy, getting up nights, swelling, puffiness under the eyes, headaches and dizziness. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder.
Don't wait! Ask your druggist for Doan's Pills, a stimulant diuretic, used successfully by millions for over 50 years. Doan's give happy relief and will help the 15 miles of kidney tubes flush out poisonous waste from your blood. Get Doan's Pills.

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All weather $1.00 60—$2.00, and up. Other prints each. 8 exposure roll 40c. Two rolls 35c. Reprints 3c
FRED I. EASTMAN BODE, IOWA

BUY U. S. SECURITY BONDS

Converted barn makes three-story laying house for Harold Trettin, Cerro Gordo county, Iowa. "Any farmer," says Harold, can make profit on chickens this way." Compact set-up saves labor.

THE FARM FLOCK

Housing Delay May Cut Production

Putting off housing of pullets until most of them are laying is a common farm flock practice. Yet this is one of the most serious mistakes you can make, says W. R. Whitfield, poultry specialist for the Iowa State College extension service.

It's a real temptation to let pullets run as long as the weather is good and there's green stuff for them to eat. But you'll have fewer problems, says Whitfield, if you house them at about five months of age.

If many of your pullets start laying on range, there's a good chance the flock will false molt and go out of production when the birds are housed.

You may have trouble with egg-eating, and with broken or dirty eggs, too. Pullets that have learned to nest in weeds or elsewhere on the range have trouble learning the purpose of hen-house nests.

Should You Keep Old Hens?

Are you still leary about selling off all your old hens before you house your pullets?

Well, you can't argue with the figures, which show that all-pullet flocks outlay old hens every time. And it's risky business, as many flock owners have learned, to mix healthy pullets with hens that may be carrying disease germs.

But your old hens may still be laying fairly well. In that case, it makes sense to keep them for a while — provided you don't cheat the pullets. Move the hens to the brooder house or other available space. Cull them down so you're getting at least 50 per cent production out of them. But let the pullets have the laying house, so you won't have to move them again or mix them with the hens.

Short-changing the pullets now in favor of the old hens may look smart while the old birds are turning out those big eggs. Later on, you may wish you'd given the first-year flock a better break.

Overcrowding Means Fewer Eggs

With feed more plentiful, egg income should be good as the laying season swings into high gear. Don't waste valuable space by housing culls or crowding in too many birds.

Before housing your pullets, figure out how many you can carry. Allow three square feet of floor space for Leghorns, three and a half square feet for general purpose breeds and four square feet for heavies. Iowa State College records show that most flocks producing more than 200 eggs per hen per year have at least that much room.

Once you have figured your space, cull the pullet flock down to fit. Throw out thin-breasted, pin-feathered birds and those with small combs or wattles. Avoid the white-legged birds in yellow-skinned breeds. Efficient Leghorns, Rocks, Hampshires and other yellow-skinned birds don't lose their color until they've laid a long time.

House Your Pullets With Care

The secret of housing pullets successfully is to make the change as easy on the birds as possible. If you give them too many new things to get used to at once, they might go on strike.

Put pullets on a laying ration a couple of weeks ahead of housing time. If you are going to use a different feeding method after housing, make that change before housing time, too.

Move pullets carefully, so they aren't frightened. Moving them at night makes the job easier. Use coops to carry them gently to the laying house, then set them on perches.

The house, of course, should be cleaned thoroly before the pullets go in. Clean out all litter and dust and scrape the floor. Then disinfect the floor, walls and ceiling, using a standard disinfectant. Adding a DDT solution will rid the house of mites, lice and bedbugs.

FEED HENS - FOR MORE EGGS this low-cost easy way!
VICTOR
EGG GRANULES
(Also Mash and Pellets)
Contain balanced amounts of proteins, carbohydrates, minerals and original vitamin sources to stimulate a high yield of quality eggs — easily and economically.
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they don't knock egg production
Individual treatment. Removes large roundworms, intestinal capillaria worms.
Economical. Easy to give. 5 to 1 favorite among poultry raisers. Don't risk loss of egg profits! Worm with ROTA-CAPS. Buy from your hatchery, drug or feed store today. If you prefer a flock treatment, get Dr. Salsbury's WORMIX.
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When you need poultry medicines ask for
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THE KENT WAY

Catch the high markets early. You can do this if your hogs have fast gains. KENT 40% HOG SUPPLEMENT has proven itself time and time again to be "the spark" in the ration that gives fast, economical gains. Fed with your oats and corn, it supplies the quality nutrients needed for balance. Yes, the early markets are generally the highest. KENT feeders all over the Corn Belt are getting the best possible income from their feeding operations. Do likewise by ordering KENT 40% HOG SUPPLEMENT from your local KENT dealer now!

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"I have used KENT Swine Feeds for several years in my feeding operations. I had over 400 spring pigs this year and they are making remarkable gains. KENT 40% HOG SUPPLEMENT is without peer for fattening. Sixty sows are bred for fall and they are on KENT 35% PIG & SOW CONCENTRATE. The little pigs will also be fed this feed."

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For large, healthy litters feed a quality balanced ration. Use KENT 35% PIG & SOW CONCENTRATE with grains for sows during gestation and lactation and for little pigs up to 75-100 pounds. KENT 21% PIG MEAL, a complete feed, also, is great for little pigs. Both are "super-fortified".

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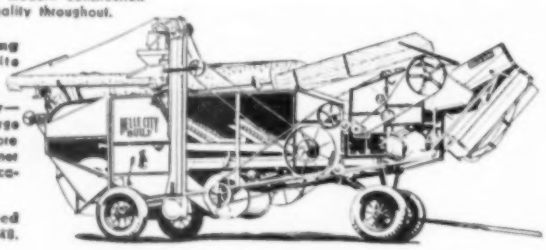

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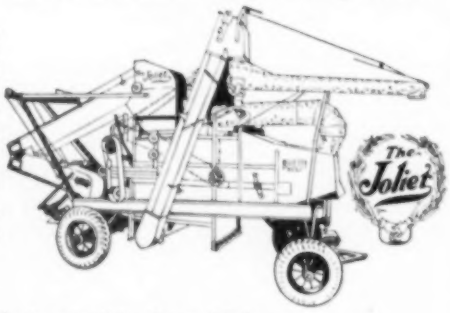

BELLE CITY also builds Corn Pickers, Castor Bean Hullers and Grain Elevators.

BELLE CITY MANUFACTURING COMPANY, Racine, Wis.

Quadruplet Calves weighed 35 pounds apiece at birth. All doing well. Mr. and Mrs. J. E. McKinley, of Lucas county, Iowa, are holding calves. R. V. Lewis, veterinarian, in center.

First Aid for Stock

Calves Need Proper Minerals

To the Editor: My calves get all the milk they want from nurse cows, have good pasture and hay, salt and a mineral mixture. Yet they chew boards all the time. What do they need?—W. J. D., Davis County, Iowa.

Sometimes a mineral unbalance, as well as a shortage, may cause animals to chew boards in an effort to supply their craving. For example, in your mineral mixture they may be forced to eat more calcium than they need in order to get enough phosphorus.

Sometimes, in certain areas, a rare mineral, such as barium, cobalt or manganese, is needed.

Offer your minerals separate from the salt, and include bonemeal. If this fails, try one ounce of cobalt sulphate with each 100 pounds of salt.

If they still crave something, try one-half ounce of barium sulphate with 100 pounds of salt.

Scrub To Clean Up Poultry Disease

To the Editor: A year ago, my baby chicks had a disease no one seemed able to diagnose. They were dizzy, lost use of their legs, went blind.

I raised just half, and had to sell them because they did not lay. Most of my old hens died, too. What should I spray my brooder house with so I can raise chickens again? Will DDT kill the germs?—H. J., Bremer County, Iowa.

We're not sure what disease your poultry had, but it might have been Newcastle disease.

You should thoroly clean the floors and walls of your poultry house. Soak them with a strong lye-water, scrub them again, and spray with a good disinfectant.

Plowing the ground around the house and keeping poultry off of it for a year will help to disinfect the soil. But since some germs may remain, you should wear rubbers which can be removed before you enter the brooder house.

DDT does a good job of killing insects, but has little effect upon bacteria and germs.

Directions For Using Sodium Fluoride

To the Editor: Would you give me directions for worming pigs with sodium fluoride?—E. J. K., Lyon County, Iowa.

Follow directions carefully. Determine the amount of ground feed your pigs eat in one day. Then you mix one part of sodium fluoride with 99 parts of ground feed, by weight.

Put that feed in the same feeders the pigs have been using. Do not add a physic or change the ration in any way. Be sure to mix the drug thoroly with the dry feed.

After one day, take the drugged feed away and put the pigs back on their old ration.

Hens Get Newcastle From Pullets?

To the Editor: My three-week-old chicks had Newcastle disease. I lost only a few, and the rest are now doing fine. But will the pullets give the disease to my old hens? Will they carry it to a new place?—G. C., Keokuk County, Iowa.

Experiments so far made indicate that pullets which have recovered from Newcastle are not apt to carry the disease to a new farm or transmit it to old hens.

In one test, birds which never had had Newcastle were exposed to a flock that had successfully recovered from it. At the end of 30 days, none of the exposed birds showed signs of the disease.

Further tests are needed to reach final conclusions.

Early Frost?

Will we have any soft corn this fall? "Humph," you say, "my corn is about ripe now."

It's true that this looks like a year when you won't have to worry much about frost. Even so, you'll find good reading in Associate Editor Homer Hush's story about Iowa frost dates—and the odds on an early freeze this year.

You can read his article in our September 18 issue.

Here's One Step in the making of a complete soil analysis at the Iowa State College testing laboratory. Most of the samples are submitted by farmers during the fall months.

Soil Tests Uncover Fertilizer Needs

Soil Test Is No Good If You Submit Poor Sample — Here's Way To Do Job Right

RESULTS of any soil test can be no more accurate than the sample you send in, says J. W. Fitts, head of the soil testing laboratory at Iowa State College, in Ames.

A poor sample means an unreliable test. How do you get an accurate sample? Here is the method suggested by Fitts:

Collect soil from at least 10 spots in each 10 acres you want to have tested. You mix the 10 samples to give a composite, or average, sample for each 10-acre area.

If you have different soil areas in a field, sample 10 spots in each soil type. For example, you would take separate samples of light and dark-colored soils, sample each area which varies in slope, drainage or past treatment.

Areas that have been limed, manured, fertilized, or have grown different crops should be sampled separately.

Fitts suggests you use a spade or trowel to take your samples. Scrape away all the surface litter, such as corn stalks. Then dig a V-shaped hole to the depth of the plowing. Take the sample by removing a one-inch slice from one side of the hole. Put the soil in a clean pail.

When you have your 10 samples from one area in the pail, stir them all together. After you get them well mixed, take about a pint to send in for the test. Be sure to take samples from between the rows in row crops.

Use clean containers all the way thru in getting and sending in the samples.

After you have a sample mixed, put it in a clean paper sack or ice cream carton. Label each sample with your name, field and sample number. Mark the location of each average sample on the map of your farm, shown on the "Soil Sample Information Sheet."

Now about that sheet. It is part of the job, too. You can secure the necessary form, heavy envelopes for mailing, and further information about doing the job from your county extension director. Or you can write direct to the Soil Testing Laboratory, Iowa State College, Ames, Iowa.

Fitts warns you shouldn't put the soil on the stove to dry it out. That ruins the tests.

Another thing Fitts says is important at your end of the line is sending in complete information with the sample.

In order for the soils men to make an accurate recommendation as to the kind and amount of fertilizer your soil needs, they must have the information requested on the forms supplied you.

This information includes the location of your farm, whether the field being tested has been limed, manured or fertilized, what crops have been grown, and the slope of the land.

Eight Causes Of Farm Fires

Most farm fires can be traced to one of eight preventable causes, says F. N. Jordan, of the Colorado Agricultural College. Farm fires cost an estimated 90 million dollars annually in addition to loss of life and injuries.

Jordan lists the eight causes as defective chimneys, sparks on combustible roofs, poor lightning protection, carelessness with the use of matches, spontaneous ignition, improper use of gasoline and kerosene, unsafe stove and furnace installations and unsafe installation and use of electricity and electric appliances.

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—JAMES WHITCOMB RILEY

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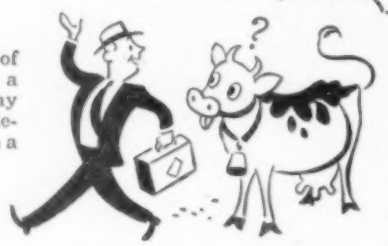
After all the hard work of Summer, you've earned a rest. Take a vacation away from the farm chores. Relax and enjoy yourself on a trip to Scandinavia.



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Farm Folks...
...Make Farm News

Beryl A. Herron, Guthrie county, Iowa, and Lyle Crisman, Farmers Home Administration supervisor, discuss a location for Herron's poultry house. Henry, aged four, adds a few words of advice.

Disabled Veteran Gets FHA Farm Land

Disabled veterans everywhere receive encouragement when one of their number "gets a break." That's why farm ownership plans of Beryl A. Herron, Guthrie county, Iowa, may encourage others.

Many people would say Herron was in bad shape. But he can get around, can do some farm jobs. With the help of the Farmers Home Administration and County FHA Supervisor Lyle Crisman, the Herrons are on the way to owning their own farm.

As good land goes, it's not much of a farm. It's 109 acres of partly timbered, rough land. Only about 30 acres can be cropped. But there is a house, barn, henhouse, garage and windmill. .

The farm is on the grade, and Herron's four small children will have just 10 rods to go to school.

He lost one leg and received considerable injury to the other in World War II.

He gets a disability payment and has the car which the government provides for amputees.

It's impossible for him to do some kinds of farm work. But he hopes to keep a flock of hens, eventually a few stock cows, and possibly three or four milk cows.

He can ride a tractor some, and changes work to get his farming done.

"Henry Weitl has been good to let me use his machinery, and then I drive the tractor for him," Herron says.

"This is better than living in town. The country is a good place for the kids, and the farm payments on this place aren't any more than town rent for a house," he says. Much of his living can come from the farm.

His long-range plans call for a lot of improvement and soil conservation work on the place.

Regular Winner at fairs with jams and preserves is Mrs. Oscar Vik, Monona county, Iowa. Most of these ribbons are from Clay County Fair. But she's won grand championship at last four Iowa State Fairs, and was in Des Moines to defend title this year.

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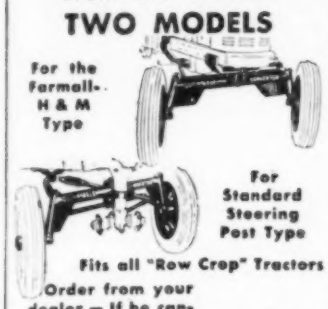

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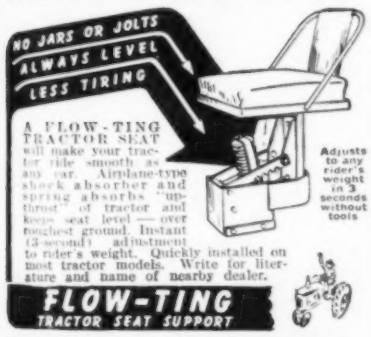

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When writing to our advertisers, please mention that you read their advertisement in Wallaces' Farmer and Iowa Homestead.

Chopping Hay with a field chopper is no harder than cooking for a big crew in haying time, says Mrs. Russell Anderson, Jones county, Iowa. She and Mr. Jones put up 80 acres without help.

Two Can Make Hay

Man, Wife, With Machines, Handle 80 Acres

HAYING need not be the back-breaking job it is noted for. At least, this is true for the folks who have made haying an entirely mechanized job.

The Russell Andersons, Jones county, Iowa, have done just that. Hay is hardly touched by human hands from the time it is cut until the time it is fed.

Machinery has made it possible for Anderson to use grass farming methods despite labor shortage. This year, he had only 17 acres of corn on a 240-acre farm. He sells grass thru livestock.

Anderson and his wife alone put up 80 acres of alfalfa-brome hay this year. They put up chopped hay. Mrs. Anderson operates the chopper while Anderson hauls in the hay and puts it into the barn.

The first step in their method is using a combination mower-crusher. This mows, picks up the hay back of the mower bar and crushes the stems in a roller. Leaves and stems dry together. Leaves are not lost because you don't have to wait for stems to dry.

This machine is particularly good for large-stemmed hay, such as sudan grass or soybeans. It is not so important for mixed alfalfa and brome.

Main labor-saving machines are the field chopper and the blower, which puts the hay in the barn. Here is the Anderson method:

Hay is allowed to cure well in the windrow. It will heat in the mow if put in too wet. Anderson puts chopped hay in the mow at about the same moisture content as in ordinary chopped hay.

The field cutter picks the hay from the windrow and chops it in three to four-inch lengths. Most farmers agree that dry chopped hay should be cut coarser than for grass silage.

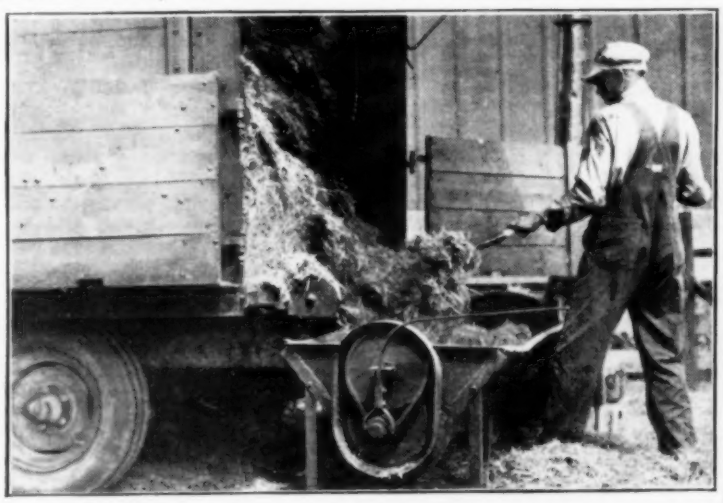
Two 7x14-foot wagons are used to haul hay from the field. These have high wire mesh sides, to prevent blowing loss. If it is an extremely windy day, a canvas can be tied over the top of the wagon box.

It's no job to put hay in the mow the Anderson way. A power blower puts the hay in the mow without the time-consuming job of sticking the hay fork in and pulling it back.

Even the wagons have an automatic unloading device to pull the hay back into the conveyor. Anderson just stands and watches to keep an even flow of chopped hay going into the blower.

The Andersons don't claim that they save very many hours of labor per ton in putting up chopped hay. They do say that they get by without the hard-to-find labor at harvest time. And it is easier work.

They're completely sold on modern, mechanized hay-making.



Blower puts chopped hay in the barn mow on the Russell Anderson farm, Jones county, Iowa. Automatic unloading device in wagon pulls hay back. Anderson doesn't have to do much but watch.

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"My cows are more contented with a Marlow than with any other machine I have used. In three months, condition of teats was much improved and now they are soft and have no leathery feel."

Floyd Heiller, Melvin, Iowa:
"The first purebred Holstein herd I bought I lost all of them with udder trouble—Mastitis. Now I have my second herd in the same barn with my new Marlow Milker, and have had no mastitis or udder trouble of any kind in this lactation."

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High quality cribbing . . . at low cost!

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- Ball-bearing drive
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- Blower of rugged, 20-gauge sheet steel
- 1600 RPM'S per minute gets corn clean
- Comes ready to install
- Double Duty for cleaner corn:

Fits on WOOD BROS. Corn Picker

- Air blows directly through corn as it falls directly from snap corn elevator into husking bed—removing all dirt and trash—saving wear and tear on rollers;
- Blows directly on front of husking bed against stream of corn, loosening leaves and removing remaining trash.

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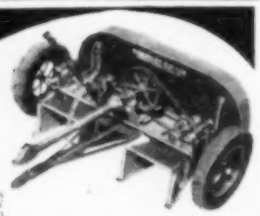
MIDWEST MANUFACTURING CO.

COLUMBUS, NEBRASKA

New Humboldt CORN STALK CUTTER



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Walnut Logs are being loaded at the town of Highview, in Hamilton county, Iowa. These were bought by a veneer company. Iowa is the leading state in the production of walnut lumber.

Grow Your Own Estate

Walnut Trees Are Like Money In The Bank

GROWING walnut trees for lumber profit sounds fantastic. From 50 to 75 years is required to mature a walnut tree. Yet a good stand of walnuts can be likened to money in the bank. Mature trees sell for as high as $200 each.

You might not get any of the money, but a stand of growing walnuts might be a good estate for your children.

The corn belt region is the main source of commercial black walnut. And Iowa is the heaviest producing state.

These trees, famous for furniture and gun-stocks, might as well be growing on most corn belt farms, according to Richard B. Campbell, extension forester at Iowa State College.

Lanes, parks, stream banks, roadways, some hillside areas and open areas in wood-lots all provide places to grow walnut trees. However, the soil must be quite rich, moist, deep and permeable, according to Campbell.

Many of the walnuts found growing in native timber were planted by squirrels. Squirrels often bury the nuts for future consumption. Sometimes they forget to dig up part of their hoard. These walnuts sprout and grow into seedlings.

For planting in large areas, direct seeding of whole walnuts in the fall is often practical. Drop two walnuts, complete with hulls, into a small hole. Clear the ground for a foot around the planting, to prevent weeds and grass from choking the seedling. Nuts can also be placed in plowed furrows.

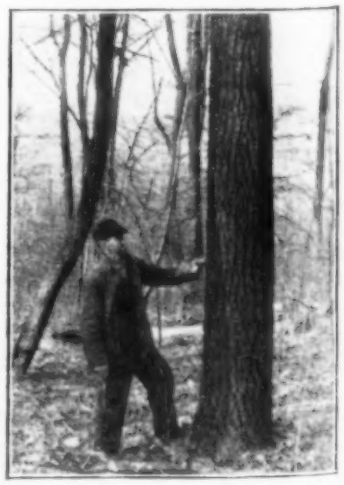
Nursery stock can also be planted. Walnut seedlings only one year old should be used, however. If older, the tree will have a strong tap root and will be difficult to transplant. If walnut seedlings are available in quantity, Campbell believes planting them is the most satisfactory method of getting your trees well started.

Walnut seedlings, or any tree seedlings, should be protected from pasturing. Plantings of individual trees might be protected from animals by wire or board enclosures.

Campbell advises owners of walnut plantations, or scattered native walnut trees, to let the trees grow as long as they remain healthy. For example, a tree 45 years old might be 14 inches in diameter and contain 80 board feet of lumber.

If this were a healthy tree, and you allowed it to grow another 25 years, its diameter might increase to 22 inches and its volume to 280 board feet.

At the same time, the value of this tree would increase 10 to 12 times.



High quality walnut tree. Elmer Rosa, of Winneshiek county, Iowa, is probably figuring what the tree would bring if sold.

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● Here's a fence that "stands up" for a long time. It's the *only* fence with the shock-absorbing PIONEER KNOT . . . the semi-flexible knot which "gives" slightly under pressure, then comes back straight. Continental Fence is made of special analysis copper steel with a uniform zinc coating . . . and it's FLAME-SEALED for *extra* protection against rust. Ask your dealer for this better fence, or write us at Kokomo.

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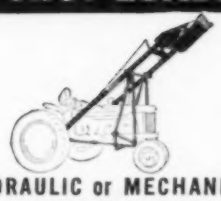

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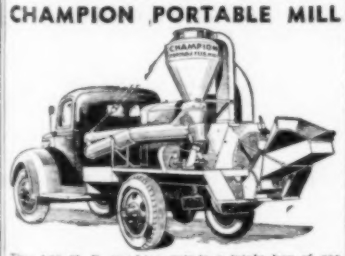

This 100 H. P. machine grinds a triple box of ear corn in 12 minutes, also big capacity fine grinding. Quick delivery on sale of factory rebuilt units or will lease without investment with option to buy later if desired.

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Congerville, Illinois

WORMY PIGS? Doctor Hinrichs' Hog Powder for 10 feed. No starving. 5 lbs. $3 Postpaid.
HINRICHS REMEDY CO. WALCOTT, IOWA

SAVE YOUR LIFE!

Ever try to put a belt on a moving pulley? Don't—if you want to stay healthy. The story told here by N. J. Wardle, farm safety specialist at Iowa State College, shows what can happen.

"HOW much corn should I grind today, Dad?"

"Better do a couple of hundred bushels, Frank. Plenty of room in the bin: then we won't have to worry about it for a while."

Frank set up the belt to the hammermill and started the tractor.

"Won't take long to do this job," he thought. With overhead bins, elevator and pipe connections, it was fun to crack corn. Frank started feeding corn into the mill. There was a whirring noise, and he could hear the grain going up the elevator.

Then he sat back to think of how enjoyable farm work was when you planned your work and used machinery.

"Pretty soon, work on the farm will be as easy as any work," Frank mused.

The tractor's steady drone lulled his consciousness. Suddenly, the motor slowed, then raced in free abandon. Frank jerked around. The belt was off.

"Simple," thought Frank, as he jumped down. "I can slip the belt back on easily without stopping the machine. The mill isn't really clogged."

He picked up the belt, gave it the half-turn and placed it over the edge of the spinning power pulley. The pulley slowed down a little. He pushed and twisted the belt to get it on. The pulley grabbed the belt——

Then his glove! His hand followed the pulley. A wrenching pain!

"Dad!! Oh-h—Dad!!!"

Frank fell to the ground when the pulley released his hand after turning it around.

Sure, he lived. Only a broken wrist. But it was many weeks before Frank could work at full capacity again. And the doctor told him always to be careful with that wrist.

Did the tractor and hammermill break Frank's wrist? Could manufacturers build machinery which would prevent such accidents?

No! The wrist was broken only because Frank put his hand where the machine could not help but hurt him.

Machines don't injure people. It's the actions of people around machinery that cause accidents.

Frank learned—the hard way—a simple rule: Place a belt on a pulley only when the pulley is still.

Here are some other good machinery rules:

Adjust and oil only when not in motion.

Follow the manufacturer's directions.

Keep moving parts covered with shields.

Never get off the tractor or other power machinery while it is in motion.

Here's the Biggest SEED CORN NEWS of the year! Vinton Hybrid . . . Iowa's greatest yielding corn comes to you at . . .

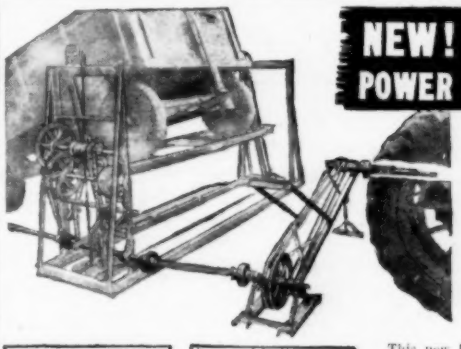
New Lower Prices
Vinton Hybrid
AMERICA'S FINEST SEED CORN

Order your New Free 1949 Vinton Hybrid Catalogue today. Read about Vinton's great new varieties, V-11 and V-31. Learn how Vinton is breeding higher protein content into its made-to-order varieties.

You can be sure of getting these great NEW VINTON HYBRIDS by sending in your order today.

SEND FOR YOUR FREE 1949 CATALOG

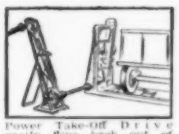
VINTON HYBRID VINTON IOWA



NEW! Farmer's Friend POWER TAKE-OFF DRIVE

Dump Your Load in Half the Time

MAKES YOUR GRAIN ELEVATOR JOB . . . EASIER, FASTER, SAFER



Power Take-Off Drive easily flips back out of the way for tractor and wagon to pull in or out.

Power Take-Off Drive flips into position on adjustable stand and it is attached to tractor spline shaft.

This new Power Take-Off Drive will save you time, work and patience at harvest time. No speed jack stakes to pull loose or belt to slip off—no maneuvering or positioning of tractor. You pull the loaded wagon into position, flip the Power Take-Off Drive over and in one minute's time it snaps onto the spline shaft of your tractor. You are ready to go. It may be used with platform or overhead wagon jack hoist. Write for literature.

G & D MFG. CO.
DEPT. E-27 STREATOR, ILLINOIS

McCulloch POWER SAW

Makes quick work of BUCKING . . . FELLING . . . LIMBING

20 Size Weighs Only 46 pounds!

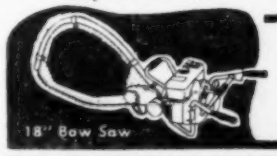
Light and handy enough to be easily carried in where the woods are thickest. 5 HP engine . . . one or two man operation . . . automatic clutch . . . rewind starter . . . full swivel blade . . . are a few of the many features. Ask for circular or order yours with this handy coupon.

Now . . . at these low prices:

20" chain saw	$389.00
36" chain saw	399.00
48" chain saw	414.00
18" bow saw	429.00

Prices F.O.B. St. Paul

Clip The Coupon—Mail Today



POWER TOOLS, INC. 1951 University Ave., St. Paul 4, Minn.

Enclosed $ _____ for one _____ size McCulloch Power Saw, F.O.B. St. Paul.

Print Name _____

Address _____

—PUT SOME OF THAT EXTRA CASH INTO SECURITY BONDS—

Practical
Pumping
ON
The Farm

Enjoy a Universal Automatic Water System for *low cost* "all around" efficiency. You get plenty of water with city pressure for kitchen, bathroom, laundry and garden. There are Universal Pumps and Water Systems—large and small for the home, farm or industry.

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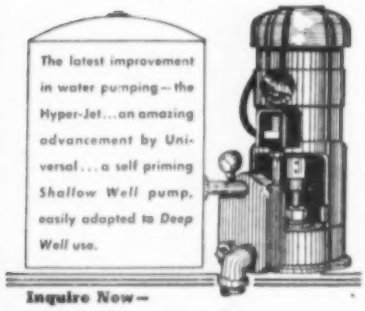

The latest improvement in water pumping—the Hyper-Jet...an amazing advancement by Universal...a self priming Shallow Well pump, easily adapted to Deep Well use.

Inquire Now—
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Please send illustrated folders and literature on Universal Pumps, and the name of my nearest Universal Dealer.

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RFD _____ CITY _____ STATE _____

CHOLERA SEASON HERE

Fall flareups a real threat to hog crop; Pigs should be vaccinated NOW.

Every farmer with fall pigs should take note of the real threat of new fall cholera outbreaks. At present hog prices, cholera losses could be terrific.

Cholera strikes and kills so fast that little can be done, once an outbreak has started. The only safe hog is one that's been properly vaccinated. And the only time to have that vaccinating done is BEFORE an outbreak hits. Therefore, unprotected pigs should be vaccinated NOW, without delay.

And it should be done by a VETERINARIAN. Through experience and scientific skill, the Veterinarian knows how to do the work RIGHT, for lasting immunity. Call him and have your hogs protected NOW.

Associated Serum Producers, Inc.

Ever-tite
HAND HOIST

Farmer's Best Friend. Saves time, labor, money. Makes dump wagon out of any farm wagon. Raises up to 3 tons of grain, farm produce, dirt, manure, etc., for unloading in a few minutes. Weighs only 60 lbs., easy to move from one wagon to another. Many other uses—raising poultry houses and other structures, logs, tractors or trucks for tire changing, pulling out old posts, stretching fence wire, etc. Price $50.00. Order through your dealer or write for free circular. **EVER-TITE MFG. CO., 419 Washington St., Davenport, Iowa.**

When writing to advertisers, will you please mention this paper.

A Farm House stood here not so long ago. Fire destroyed it. Have you checked your electric wiring? How's your fire insurance? This Warren county, Iowa, farm house was insured for $4,500. It will cost twice that much to replace it now.

SERVICE BUREAU

$50 REWARD — WALLACES' FARMER SERVICE BUREAU

The Sign of Protection

How Fineness Affects Lime Values

To the Editor: Will you state again the percentage of lime available in three years from coarse and finely ground lime? There was an apparent contradiction in your article, "Buy Lime By Quality," in the August 21 issue.—O. B., Tama County, Iowa.

Here is the amount available in the first three years from fine and coarse limestone. H. B. Cheney, of Iowa State College, is the authority for the figures.

Limestone held on a four-mesh sieve (four spaces per inch)—none available in three years.

Limestone held on an eight-mesh sieve—10 per cent available in three years.

Limestone held on a 50-mesh sieve—40 per cent available in three years.

Limestone which passes thru a 50-mesh sieve—100 per cent available in three years.

Draft Registration Dates Set

Don't forget—if you're a male citizen between 18 and 26 years old—that you have a date with your draft board.

Under the new Selective Service Act, registrations got under way the first of this week. Here's the schedule:

Men born in 1922—after August 30—were required to register August 30.

Men born in 1923 were required to register August 31 or September 1.

Men born in 1924 were required to register September 2 or 3.

Men born in 1925 must register September 4 or 7.

Men born in 1926 must register September 8 or 9.

Men born in 1927 must register September 10 or 11.

Men born in 1928 must register September 13 or 14.

Men born in 1929 must register September 15 or 16.

Men born in 1930—before September 19—must register September 17 or 18.

Men born on or after September 19, 1930, must register on their 18th birthday, or within five days thereafter.

New Sales Racket Developed

You're familiar with the Wallace-Homestead Poll. You've read reports on that poll on these pages.

Now, the Agricultural Publishers Association reports, some unscrupulous salesmen are using a new racket to take advantage of the interest in polls like these.

High-pressure salesmen show up and say they're making a "survey." This gets them in the door. The innocent housewife is given a series of camouflaged sales talks—in one case a "questionnaire" was found to be a purchase contract.

Often repeated advice to read what you sign and buy only from reliable salesmen seems to be well worth repeating again.

Interviewers for the Wallace-Homestead Poll are farm women, usually living in the county in which they work. They sell nothing. You can welcome them into your home with confidence.

Maintenance Of A Line Fence

To the Editor: Does the law say that each land-owner shall maintain that half of the line fence on his right as he stands on his own land facing the land of his neighbor?—J. A. R., Butler County, Iowa.

No. That is often the practice, but there is no law to that effect.

Partition fences are divided by agreement. Such agreements can be recorded in the office of the county recorder. After being put on record, the agreement is binding on both parties.

If land-owners can't agree on the division, then the township trustees, as fence-viewers, can be called in to settle the matter.

Does Your HIGH SPEED EQUIPMENT BOUNCE ALONG over ROUGH FIELDS?

Take out HUMPS, HOLLOWS, ROUGH SPOTS
Smooth Fields with an...
EVERSMAN
Automatic Land Leveler and Dirt Mover

Sixty miles an hour won't hurt your car on a paved road. Half that speed on a rough road will shake it to pieces. The same thing happens with high speed farm machinery. Rough fields can slow up your work, cost you money. That's why it will pay to plane fields with an EVERSMAN AUTOMATIC LEVELER.

Here's a machine you can handle with your own tractor. It levels and smoothes land AUTOMATICALLY. Blade mounted on exclusive crank axle. When wheels go onto a high place the blade lowers to take a cut—when wheels go into a low place blade raises to release dirt. Front clodbuster and rear smoother blade breaks clods, mulches the soil, forms a well-packed, finely pulverized seed bed as the machine moves along. Makes possible even depth of planting and covering of seed, better germination, more uniform stands.

Dirt moving feature enables you to drain comparatively flat fields where water stands in low areas. With Eversman (in dry weather) you can move dirt back into low areas. Eversman makes wide, shallow, perfectly controlled cuts and well packed fills, so water spreads out. Fields surface drain themselves . . . eliminates ditches which cut up your fields and start erosion. Ideal for planing slopes before terracing and contouring. Invaluable when building grass waterways or preparing ground for permanent seeding. Plan to do your leveling, dirt moving and planting of a cover crop this fall. Send today for FREE booklet, giving full details.

EVERSMAN MFG. CO.
Dept. 19 • Curtis and Fifth • Denver 4, Col.

Here's How To Feed New Oats . . . Produce More Pork For Lower Cost

Market your hogs ahead of the heavy fall rush. Save time and money. Start 'em right and keep 'em coming on this year's oat crop and Min-A-Lak as many Iowa farmers do:

Simply grind oats in small enough amounts to avoid heating storage of new ground oats. Add Min-A-Lak and Puritan-40 according to directions to balance your oats and to help step up results. Finish off with corn if you wish.

Yeasts, Vitamins, Minerals, Proteins

MIN-A-LAK—a mineral supplement—contains major minerals, essential trace minerals, vitamins and yeasts balanced to help get more feed value out of all your grain.

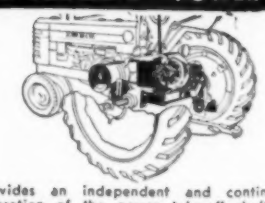
PURITAN-40—a rich, 40% protein concentrate—contains amino acids essential to help develop quality livestock quicker and at lower cost.

Get a Puritan Complete Feeding Program

It will help you make the most of your grain. Ask your Puritan representative or write our Research Department, telling us what you have to feed. We'll advise a proven feeding program without obligating you.

PURITAN Laboratories, Inc. Des Moines, Iowa

Innes CONSTANT POWER



Provides an independent and continuous operation of the power take-off shaft on A, B and G model John Deere tractors. With it, you can run your power take-off continuously, regardless of whether the regular clutch of the tractor is engaged or not. It operates without interruption any implement driven by your power take-off shaft. Write

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DEEP WELL TURBINE PUMP
FOR SMALL DIAMETER WELLS

CAPACITIES: Up to 5000 gals. per hour
LIFTS: Up to 200 Feet
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Contains complete pump description, plus valuable engineering and water pumping data. Fully illustrated.

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CULTURE FEED

That's what's being done today on hundreds of farms using oats and Tanvilac. This can be an unusual season of profits for the man who is fortunate enough to have hogs. Feeding oats and Tanvilac to hogs will bring them to weight quicker and cheaper according to customer feedlot experience and affidavits from farmers of the Midwest.

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Send details TANVILAC and latest copy of The MISSING LINK.
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HEADQUARTERS FOR INFORMATION ON...
Silos and Silage

● Free booklets are now available on: Silo Construction; Corn Silage; Grass Silage. Write for one or more of them. If you will need a silo in 1949 we suggest you advise us soon—as the unprecedented demand makes necessary a several months' waiting period.

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LIBERTY GRAIN BLOWER
DOES THE WORK OF FIVE MEN
Capacity 500 to 1000 bushels per hour. Fills and empties bins quickly without scooping. Does many jobs other elevators cannot do. Get particulars now! Leader since 1916.
LINK MFG. CO. FARGO N. D.

FOR SALE. 267 ACRES. 15 miles east of St. Joseph, gravel road, gravel to buildings. Electricity in buildings. Extra nice set of buildings, one-half mile to small town, plenty water. 15 in oats, corn, timothy grass. Corn will make 75 bushels. This is an extra good farm, lays good, clean level. Price $175 an acre. It is a bargain. GLADE WARRICK, Clarksdale, Mo.

Fifty Years Of Fairs

By DAN A. WALLACE

First Job

As long ago as 1890, I went to the Iowa State Fair. I've eaten my share of melon hearts and onion-reeking hot dogs. One year, I had my very first job, selling "honey-coated popcorn bricks" at the fair. I also had a sideline of palm-leaf fans.

There is no better place to get a short-course education in the big business of farming. Long before the days of extension service, 4-H and FFA, the livestock pavilion and the exhibition halls were forums of agriculture. There, top-flight farm people ironed out some of the wrinkles in farming.

The fair is truly a democratic institution. One disastrous year, I saw the fair board members sign a joint note for $100,000, to pay premiums and keep the fair afloat.

Always New

There is always something new at fairs. I saw my first automobile—a mere buggy with a gas engine—at the Iowa fair. There, I saw my first airplane, just one step removed from the first Wright Brothers ship.

Exhibits of machines and equipment at the fair trace the forward progress in the mechanization of farming. Remember those huge threshing machines and the giant tractors—forerunners of today's efficient farm-size equipment?

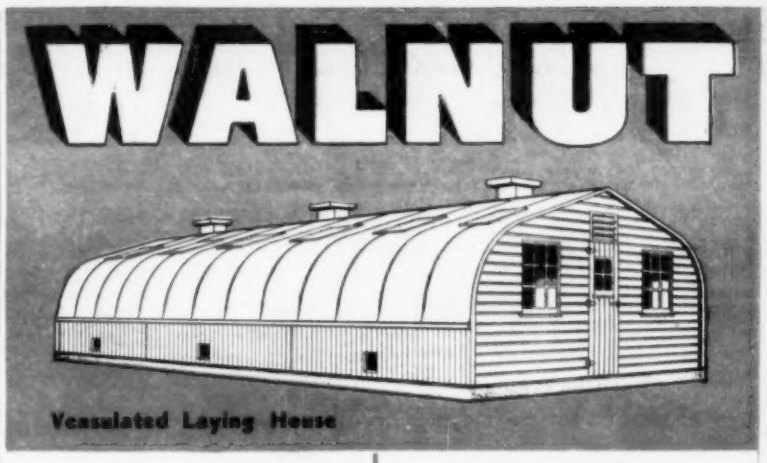
I remember when an Iowa man from Ames first exhibited a generator to make electricity from the wind. And the time a New York manufacturer brought the first manure spreader to the fair grounds. He sold a score or more of the machines at more than $300 each. Farmers who bought them were supposed to be "foolishly extravagant."

Life Is Easier

Life on the farm is easier now. Once I stood with a wise old man, watching the crowd go by. "Look how depressed and worn those people seem to be. Something is wrong when good people like that have to sweat their lives away to earn a living. They should live happily and in comfort. They don't owe the world a cheap-food living," this man said to me.

People at the 1948 Iowa State Fair would look different to the old man who made that statement.

"We'll eat in a minute; Daddy just went over to break up a picnic."



Get Ready NOW.. for Big Egg Profits

Right now good poultrymen are preparing to cash in on **lower** feed prices and **big demand** for eggs during the 1948-49 season. And now is the time to order that Walnut Laying House. It's ready for prompt delivery. Sizes for every farm flock. Economically priced. Good-looking. Vensulated (ventilation plus insulation) to promote health, comfort and high egg production. Roomy, convenient . . . Wall-to-wall head space. Strongly built of selected materials. Easy to erect no special tools needed. BROODER HOUSES, too . . . For a thrifty breed of fall chicks to hit the winter broiler market or to start laying next spring. Get going with Walnut—today.

Get Every Walnut "Plus Value"

- Easy Erection
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See Your Dealer or Write Direct

Tell us your building problem and we will give you full information on how to solve it quickly and economically. Ask for the new Walnut Home-Way circular or Farm Building Circular.

Write Dept. W

The Answer 20x32 ft. Basic price about $2500 to Your Housing Problem

LOW PRICE . . . Through standardized sections, precision-built on assembly line and quantity purchases of material.

HIGH QUALITY . . . Selected lumber carefully processed with precision machinery under rigid inspection. Tested construction assures a tight, sound, durable building. Fully insulated.

DISTINCTIVE . . . Wide variety in size of house, exterior finish, room arrangement, location of windows and doors; your choice of basement or utility room models.

FAST, EASY . . . Hours instead of weeks for erection of precision-fitted panels, roof trusses, floor sections. Glazed windows and doors fitted and installed in factory. Priming coat of paint applied. You furnish plumbing, heating, wiring.

Your Choice of Floor Plans
PROMPT DELIVERY

The Home-Way you select will be delivered promptly . . . with all the desirable features and looks of conventional houses, but at surprisingly low cost. You can be living in your Home-Way **within a few weeks from now.** Write today.

GBH-WAY HOMES, Inc., Walnut, Illinois

Kelly's High-Yielding Hybrid Corn
$5.00 to $10.00 per bushel

Back of every bushel of Kelly's hybrid corn you buy is 38 years experience in producing high yielding seed corn. $20,000 spent in producing inbreds. Dried and processed in the largest seed corn plant in the world. 50,000 bushels each filling, with the best machinery we can buy. Produced on black swamp land which contains just enough black sand to produce and mature dry sound corn with strong vigor.

KELLY'S SEEDS GROW

DEALERS WANTED

We have increased our acreage of hybrid corn this year and offer a great opportunity for live dealers to make 20 per cent with no money invested. No money tied up in stock at the end of the season. Old established firm, 43 years in the seed business. Write for catalogue and further information.

KELLY SEED CO.
Peoria, Ill. San Jose, Ill.

No more sprouts!

Before storing your potatoes, dust them with BARSPROUT* Sprout Inhibitor, and they'll stay firm, farm-fresh and flavorful *for as long as a year.* This means no more losses in moisture, weight or flavor due to sprouting when potatoes lie in storage.

Economical. A 12-oz. sifter-top canister of BARSPROUT costs only $1.00, protects 8 bushels of potatoes. Large economy sizes also available.

At your supplier, or write
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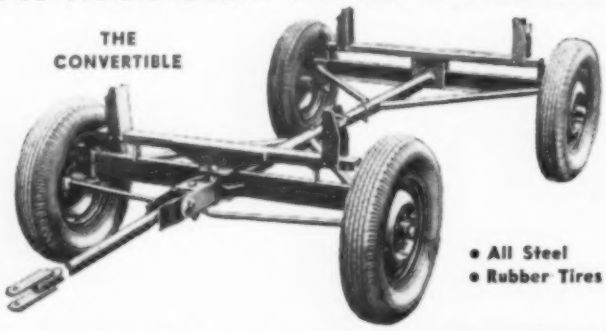
The Wagon Built
FOR MODERN FARM HAULING

THE CONVERTIBLE



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Engineered and built to "Take It"
Production Built With Custom Precision for a Long Life Wagon

• All Steel Welded Construction
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• Timken Roller Bearings
• Oscillating Bolster
• Demountable Disc, Steel Wheels
• Fits Any Wagon Box or Rack

"THOUSANDS OF CONVERTIBLES NOW IN USE"
Write or wire for details on today's sensational new wagon
CENTRAL STEEL TUBE COMPANY
CLINTON 9, IOWA

and now
THE *Workmaster*, JR.,
a new loader . . .
Designed for Your Small Tractor

Perfected by the New Method Equipment Company, (one of the oldest manufacturers of loaders), the new WORKMASTER, Jr., is now ready for owners of small tractors. Operated by hydraulic power, this loader has a 2-way jack which assures quick action on the bucket, either for lifting or lowering, under any weather conditions. Its low clearance and speed . . . the ease with which it can be maneuvered, enable you to operate this loader in cramped areas. Will clear any barn door or gate through which the tractor itself can pass. Easy to mount; and in dismounting, one man can remove bucket and main frame in ten minutes. Weight complete with jack and pump, 375 pounds.

Get the Facts About the Workmaster, Jr., and also the Workmaster Model "C" Made for Standard Size Tractors. Your Implement Dealer Has Them for You . . . Or RUSH Your Name and Address to US. c/o Wept. W. 9.

Only loader on market built specially for Model "B" and "C" McCormick-Deering, Model "H" John Deere, Model "B" and "C" Allis-Chalmers, Model VAC and VA Case, and other small tractors.

NEW METHOD EQUIPMENT COMPANY
INDIANOLA, IOWA — CEDAR RAPIDS, IOWA

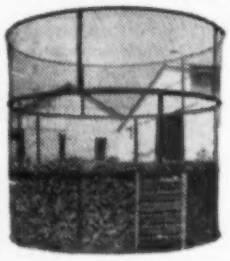
EASY ROLL TRACTOR WIRE WINDER
80 Rods in 3 Minutes

ROLLS or unrolls barbed wire or check row wire without snarling or back lash. Simply drive your tractor down the fence row. Easy on; easy off. Simple. Will last for years. Satisfaction guaranteed or your money back. Reasonable price. See your farm implement dealer or write for FREE folder.

DEALERS: Special offer. Write immediately.

WIRE WINDER MFG. CO.
Dept. 1, Mendota, Illinois

PROTECT YOUR CORN WITH THIS LOW COST
SECTIONAL All Steel CORN CRIB
Movable — Easy to Set Up



Built in sections of heavy expanded metal (not woven or wire mesh) this easily set up and and movable corn crib can be built to any height. No bolts or nuts—sections pin in place, hold securely. Limited supply — hurry.

WRITE FOR FREE CIRCULAR TODAY!

LOWEST PRICED all-steel crib on market, will last a lifetime, can be used also for hay, corrals, etc. We also offer VENTILATORS for cribs you have. STEEL CRIBS are hard to get—we can supply you immediately.

DEALERS—WRITE FOR FULL DETAILS
CROMB & GAGEL, INC. Box 166 KANSAS CITY, MO.

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Farm News Briefs

DATES FOR the 1948 Dairy Cattle Congress at Waterloo, Iowa, are October 4-10. Holstein, Guernsey, Brown Swiss and Ayrshire breeders will hold their national shows at the congress.

▲ ▲ ▲

ALAN WILLIAMS, former secretary of Iowa Swine Producers Association, and now with Wilson & Company, Chicago, has been named superintendent of the swine department at the 1948 International Livestock Exposition.

▲ ▲ ▲

IN THE YEAR ending June 30, the U. S. exported 475,000,000 bushels of wheat. That's enough to fill 2,777 trains of 100 boxcars each.

▲ ▲ ▲

BREAD GRAIN crops in Europe this year are expected to be 35 per cent above 1947, but still 13 per cent below 1935-39 average.

▲ ▲ ▲

WOOL CLIP in Iowa this year was down for the sixth year in a row. The 1948 Iowa production of 6,164,000 pounds is 9 per cent less than in 1947, about half the peak clip of 1942, and the smallest since 1927.

▲ ▲ ▲

NEW REA LOANS in Iowa have been made to: Plymouth Electric Cooperative, Le Mars, to serve 388 customers; Cooperative Electric Company, St. Ansgar, to serve 175 customers; Linn County Rural Electric Cooperative, Marion, to serve 152 customers.

▲ ▲ ▲

COMING EVENTS: Iowa Farm Sports Festival, Ames, Sept. 10-11; National Barrow Show, Austin, Minn., Sept. 13-16; Clay County Fair, Spencer, Iowa, Sept. 13-18; WHO National Plowing Match, Dexter, Iowa, Sept. 17-18.

▲ ▲ ▲

IOWA FARM BUREAU'S resolutions committee for this year is headed by Vice-President Dick Stephens, of Washington county. Other members are: H. H. Sersland, Winneshiek; Henry Pitstick, Humboldt; Mac Logan, Emmet; Robert Genter, Carroll; Howard Mitchum, Marshall; Thomas Anderson, Tama; Harry Foresman, Lee; Ed Wildin, Madison; James Winston, Cass. Mrs. Vernon Heefner, Linn county, represents the Farm Bureau women, and Mae Zarr, Cherokee, speaks for Rural Youth.

"It must be nice to be grown-up, with no fractions or decimals—nothing to worry over but earning a living, and the atom bomb."

YOU CAN *Feel the Difference!*

Fineness pays—
Ground finer than flour, so fine that 85% will pass through a 300 mesh screen 90,000 openings to the square inch, RUHM'S PHOSPHATE ROCK is in a class by itself. No other even approaches it in fineness. That's why it is so quick acting, why it achieves such thorough distribution in the soil, why it gives such splendid results with all crops. Since 1897 RUHM'S PHOSPHATE HAS BEEN THE FINEST. Inquiries invited. Instructive new booklets on request.

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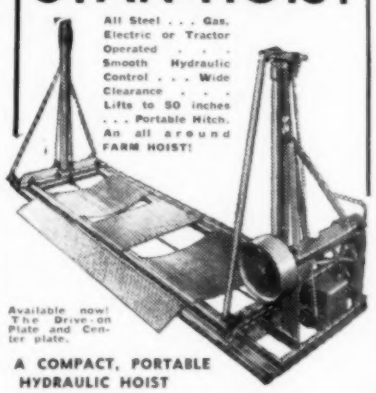

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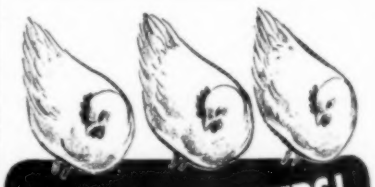

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They Look happy. Why not? That's a bona fide $1,000 bill in Ferd Schmidt's left hand. Ferd and George Schmidt, Delmar, Iowa, fed the first and fifth place steers in the Jones county show.

Schmidts Feed Top Fat Steer

Jones County, Iowa, Steer Show Draws 75 Entries From Cattle Feeders In Five States

ONLY event of its kind in this country is the Fat Steer Show at the Jones county, Iowa, fair. Judged from a utility standpoint, it is close to a hog man's barrow show.

In the unique Jones county event, entries are limited to two-year-old steers weighing more than 1,200 pounds. The steers are judged in the pens by three packer buyers. No showmen are allowed in the pens. Steers are handled by yardmen from one of the packing houses.

The packer buyers place the steers with one thought in mind: "Which steer in here would bring the highest price per pound on the open market?"

This year, in the fifth annual show, 75 prime steers were placed by G. Warren Burton, Austin, Minn.; Carl Weil, of Dubuque, Iowa, and Ernest Bruckner, Sioux City, Iowa.

Striking thing about the show was the uniformity of the top 10 steers when these packer buyers had finished their sorting. Ferd and George Schmidt, of Delmar, Iowa, fed the winner, a blocky Angus. In addition to the $1,000 first prize, the steer sold for $65.50 per hundred.

Some of the Iowa money went back to Texas when the Hereford entry of Sonny Warnock, of Fort Stockton, Texas, 4-H Club boy, copped the $750 second prize. Warnock's steer sold for $61 per hundred. Warnock is enrolling at Texas A. and M. this fall for an animal husbandry course. With the proceeds from this show, and from his three entries at Dallas last week, he knows how he'll pay for his schooling.

Five states were represented in the entry list. Steers among the 10 prize winners, sharing in the $3,450 in money, were: 3, W. H. Jargo, Andover; 4, Raymond Kurt, Cascade; 5, Schmidt Bros.; 6, J. F. Mommsen, Miles; 7, A. J. Minish & Sons, Dysart; 8, Donald Staten, Carthage, Ind.; 9, Witwer & Ross, Marion, and 10, Arthur Erdman & Sons, Geneseo, Ill.

Everyone Has Corn Borers

"APPARENTLY, not too many farms are heavily infested with corn borers, but every farm has some this year," according to Earl Raun, assistant extension entomologist at Iowa State College.

In most areas, the unusually good corn weather and the frequent rains have held down any visible borer damage, Raun explained.

"It is too early to predict much about corn borer damage this year," he says. "As the corn gets drier, more stalks break off. Some of the damage won't be noticed until picking time."

Moths in the second brood have completed their egg-laying now. Later in the fall, extension entomologists will survey the state to get a count on the number of borers wintering in corn fields in each county.

The fall borer count will help these entomologists in predicting the areas of heaviest infestation next season. As with any other insect pests, however, the weather next spring will have a lot to do with how much damage the borers do.

That is also true of the damage that remains to be done by this year's crop of corn borers. A lot of high winds might yet break down more stalks than otherwise would be the case.

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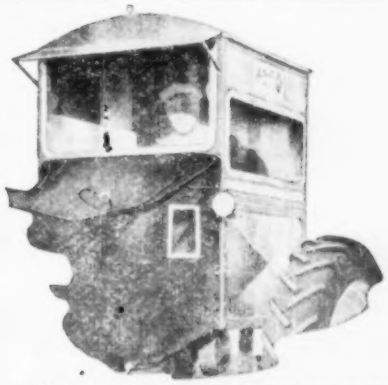

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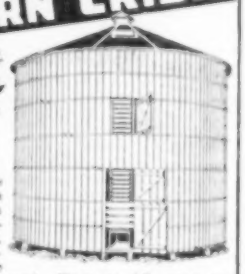

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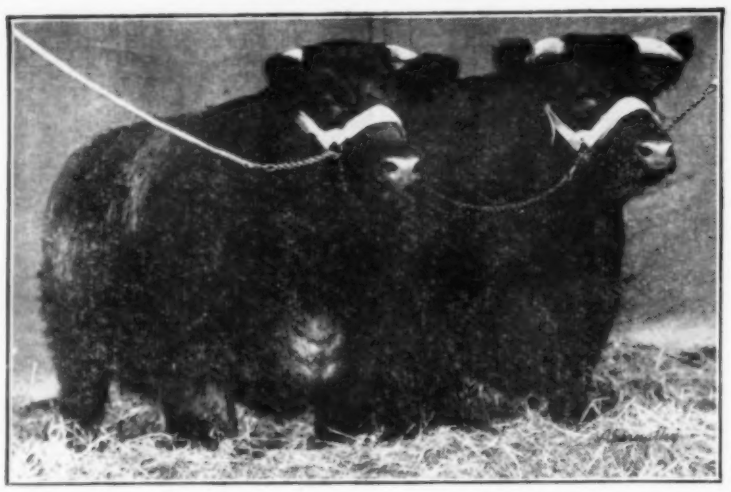

Best Pair of Shorthorn heifers at the Illinois State Fair, shown by George Struve & Son, Manning, Iowa. The heifer on the left, Miss Gypsy Maid, was the grand champion Shorthorn female.

Big Entry List At Illinois Fair

Huge Crowds Rewarded By Keen Competition In Livestock Classes; Record Show Of Durocs

A MIDWEST heat wave did not bother the Illinois State Fair as record-breaking crowds thronged the grounds. Livestock entries were heavy, and the competition in most of the classes was keen.

Hi-View Farm, Eagle Grove, showed the reserve senior and reserve grand champion Berkshire sow. Lynnwood Farm, Carmel, Ind., had the grand champion boar. The grand champion sow was shown by Krutsinger Bros., Louisville, Ill.

The Duroc Jersey show also was a record-breaker. Lawrence Shilling, Albion, Ill., had grand champion boar; S. J. Kincaid & Son, Fairfield, Ill., grand champion Duroc sow.

Ralph Farwell, Aledo, Ill., exhibited the senior and grand champion Hampshire boar. Mullady Farms, Elgin, Ill., had grand champion sow.

In the Chester White show, Sherer & Hemphill, Joy, Ill., took top boar honors, while Portage Farms, Woodville, Ohio, drove the top sow.

William Carver & Son, LaMoille, Ill., had the purple ribbon winner in the Poland China boar classes. Grand champion Poland China sow was driven by Ravenwood Farms, Green Valley, Ill.

Arnold Moore, Homer, Ill., made things rough for the other Spotted Poland China exhibitors. He had junior, senior and grand champion boar, senior, grand and reserve grand champion sow.

In the dairy cattle classes, Curtiss Candy Co., Chicago, Ill., won all the Guernsey championships, all the Ayrshire championships, had the senior and grand champion Brown Swiss bull, junior, senior and grand champion Brown Swiss female, and junior champion Holstein bull.

J. C. Piper, Sumner, Ill., scored a double victory in the Jersey classes with both bull and female grand championships. Elmwood Farm, Lake Forest, Ill., showed the grand champion Holstein female and junior champion female.

John and W. T. Kibler, Jerseyville, Ill., exhibited the grand champion Holstein bull.

Descendants of that great Aberdeen Angus sire, Eileenmere 500, helped J. Garret Tolan Farms, of Pleasant Plains, Ill., established some sort of a record in the Angus show at the Fair. Tolan ended up with 16 blues in addition to numerous other awards, junior and reserve junior champion bull, senior and grand champion bull, reserve senior, senior and grand champion female.

Iowa breeders did not come up with a beef cattle purple until the Shorthorn show.

George Struve & Son, Manning, had the champion Shorthorn female with their junior yearling heifer. Also top senior yearling bull, best pair of females, second prize pair of yearlings and second prize bull and female.

Otis A. Carter, Eldorado, Ill., had the champion Shorthorn bull.

L. W. Thieman, Concordia, Mo., had both championships in Polled Shorthorns.

In the strong Hereford show, entries from the south and southwest furnished plenty of competition for corn belt breeders. Worner Farms, San Jose, Ill., had the champion Hereford bull, while Harrisdale Farms, of Fort Worth, Texas, showed the champion female. A. J. Worner won again in the Polled Hereford classes, with both bull and female championships.

In the open class barrow show, the champion light-weight barrow, a Hampshire, exhibited by Meadowbrook Farm, Rochester, Mich., was named grand champion. The heavy-weight champion over all breeds was a Poland China exhibited by R. F. Daws & Son, of Forreston, Ill.

In the open class fat steers, Mathers Bros., Mason City, Ill., had the champion Shorthorn; Ethel Glen Neff, Carthage, Ill., the champion Hereford, and Jim Greathouse, Hindsboro, Ill., the champion Aberdeen Angus.

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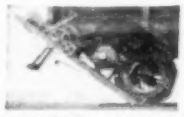

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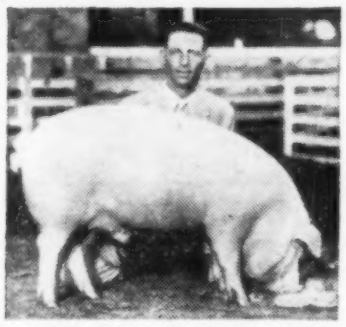

J. B. Seehusen, Chester White breeder of Center Junction, Iowa, who has fed out many Grand Champions, says, "I use United for feeding champions because it gives top yields of corn that shells out more and feeds best."

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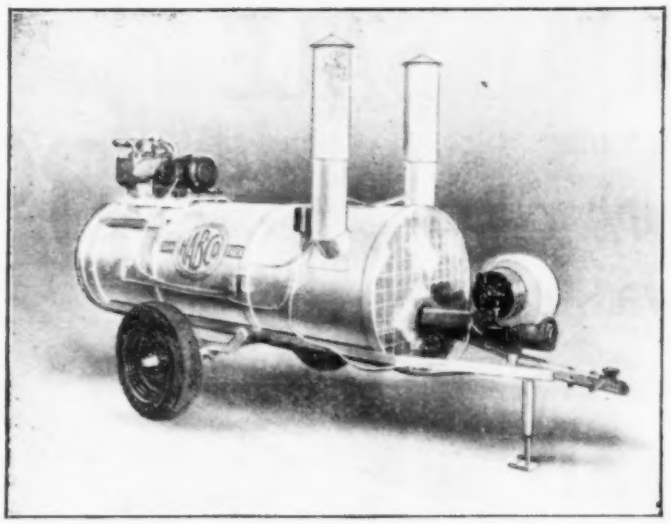
What's New?



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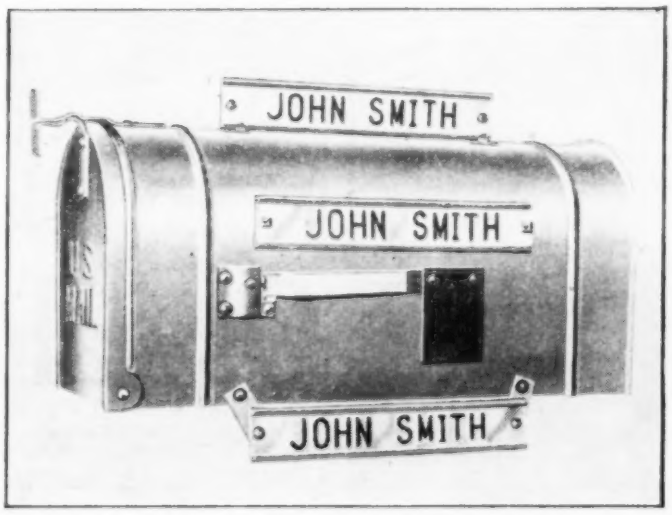

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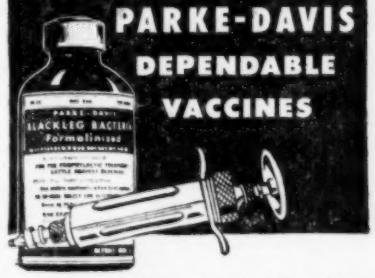

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60 Hereford Steers	Wt.	1200 lbs.
300 Hereford Steers	Wt.	1000 lbs.
250 Hereford Steers	Wt.	950 lbs.
150 Hereford Steers	Wt.	900 lbs.
40 Hereford Steers	Wt.	800 lbs.
60 Hereford Steers	Wt.	750 lbs.
200 Hereford Steers	Wt.	700 lbs.
250 Hereford Steers	Wt.	650 lbs.
100 Hereford Steers	Wt.	600 lbs.
40 Hereford Steer Calves	Wt.	400 lbs.
135 Hereford Steer Calves	Wt.	350 lbs.
100 Hereford Steer Calves	Wt.	300 lbs.
50 Hereford Steer Calves	Wt.	275 lbs.
100 Hereford Heifers	Wt.	750 lbs.
80 Hereford Heifers	Wt.	700 lbs.
160 Hereford Heifers	Wt.	650 lbs.
40 Hereford Heifers	Wt.	600 lbs.
40 Hereford Heifers	Wt.	550 lbs.
25 Fat Heifers	Wt.	900 lbs.
40 Hereford Heifer Calves	Wt.	400 lbs.
80 Hereford Heifer Calves	Wt.	350 lbs.
100 Hereford Heifer Calves	Wt.	300 lbs.
40 Hereford Heifer Calves	Wt.	260 lbs.
20 Fat Cows	Wt.	1150 lbs.

Hundreds of farmers have bought their cattle from Strand yards each year . . . they prefer to make their selections from a reliable source where quality cattle can be obtained. They have made money feeding Strand cattle. You too should make selections from our yards.

YOU WILL LIKE THE QUALITY OF CATTLE IN THIS AUCTION

Oswald Strand

& SONS

Manly, Iowa

Auctioneers: Ernie Weller, J. R. Dorsey, W. J. Dorsey & Son, C. M. Sheimo, Phil Sheimo, C. Frieberg

Clerk, First National Bank, Mason City, Iowa J. E. Halsey, Fieldman

11TH CENTRAL IOWA

ANGUS SALE

In Marshalltown's large sanitary livestock Auction Pavilion, located east edge of City on 18th Avenue

Marshalltown, Iowa
Monday, Sept. 20th

Females sell in afternoon starting at 12:30 P. M.
Bulls sell in evening starting at 7:30 P. M.

Largest Purebred Angus Sale in U. S. This Fall

176 HEAD

- 43 Outstanding Bulls Ready for Service
- 30 Young Cows with Big Calves at Side
- 9 Excellent Young Bred Cows
- 17 Most Desirable Bred Heifers
- 47 Beautiful Open Heifers

"BUY 'EM AT MARSHALLTOWN AND BUY 'EM CHEAPER"

For the **11th Annual Sale** we have a grand consignment, a well balanced offering of excellent breeding cattle, which are consigned by **24** most reliable herds known for their production in better Angus cattle. All nicely grown displaying modern type and fine quality. Kindly note the leading herds represented. The **C. H. Decatur** herd will be dispersed in this sale.

The consignors are:

	Bulls	Females		Bulls	Females
CLARENCE H. DECATUR, Grinnell	9	24	R. J. HADLEY, New Providence	0	3
GREENMERE FARM, Green Mountain	3	14	A. C. LINCOLN & SON, Wyoming	2	0
FRANK T. PLUMMER, Marion	0	8	JAMES IRONS & SON, Clarence	0	3
MEIER BROS., Melbourne	4	3	E. R. & R. R. SCHNEIDER, Goodell	1	0
KOSTER FARMS, Gladbrook	4	8	ORVILLE AVES, Melbourne	5	0
ADDIS GREIMAN & SONS, Garner	1	1	CLEMENT BROS., Newton	1	0
HALL'S HILL FARM, Albion	0	9	ROY A. RITTER, Reasnor	1	0
JOHN W. BAILEY, JR., Marshalltown	0	6	F. L. & C. M. SENTER, Nevada	0	3
ROBINSON BROS., Masonville	2	2	MARVIN WEHRMAN, Laurel	0	1
W. H. SARSFIELD, Nevada	2	6	ROY HOTGER, Laurel	2	0
WARREN SOORHOLTZ, Melbourne	2	7	J. RAYMOND SHOUP, Reinbeck	1	0
MARTIN SCHAPER, State Center	2	2	EARL GRAHAM & SONS, Gilman	1	0

They feature sons and daughters of such famous present-day Iowa bulls as **ERICA BARDOLIER G. R., BANDOLIER 91st OF WILTON, ERAN 3rd OF BORDELAC, ERIS BOY BANDOLIER, LOTHAR'S BOY T., ENLATE ELINE ERICA, ETHAN OF IDA GROVE, PRIDEMAN OF GLENCARNOCK 19th, BEN JOE OF IDA 17th, ELISENA EMPEROR H., PRINCE IDOL OF SUNBEAM, BANDOLIER 50th OF WILTON, PRINCE PRIDE OF LAKEWOOD,** and many other noted sires. The catalog will reveal some of the most fashionable families are represented. All sell with liberal guarantee. The large number affords a wide selection . . . **BARGAINS ARE IN STORE.** All **T.B.** and **Bangs** tested. Ask now for **FREE** catalog . . . a postcard will do. Please mention this publication when writing. Address

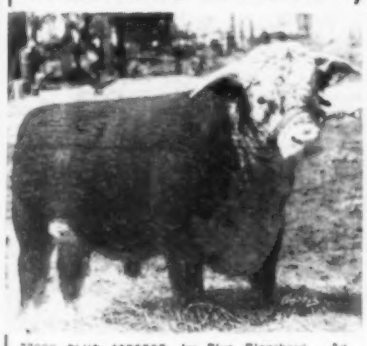
C. G. MASON, Sale Mgr., Box 243, MARSHALLTOWN, IOWA

Auctioneers, J. E. Halsey and Clair Mason

A HEREFORD DISPERSION

In Midway sale pavilion south edge of

Columbus Junction, Ia., Tues., Sept. 21



BROOK PLUS 4186702, by Plus Blanchard. An intensely bred WHR bull. He is a 3-year-old and sells. A choice tried and proven sire.

BROOK FRONTIER DOMINO, a son of Frontier Publican Domino. Dam a daughter of the famous Doctor Bond. Many of his daughters are in the sale.

Iowa's Herd of Publican Domino Herefords

78 HEAD

- 31 Grand Cows With Big Calves at Foot
- 12 Most Attractive Open Heifers
- 4 Good Bulls, Including a Herd Sire

This is a long-established herd, rich in **PUBLICAN DOMINO** breeding and a herd where top quality, well-bred cattle have been bred for years. 31 grand young brood cows, richly-bred with big lusty calves at side, 18 are by **BROOK FRONTIER DOMINO** (illustrated here) and 15 are sired by **BROOK PLUS** (pictured above). All will be rebred to **BROOK PLUS.** Both were bred by James Brook of Texas. About **10** are excellent 2-year-old daughters of **J. N. B. DOMINO 16th,** a son of J. P. Domino 20th. There are 12 most attractive open heifers mostly sired by **BROOK FRONTIER DOMINO.** The 4 bulls include **BROOK PLUS,** a great 3-year-old and sire of real quality cattle with 3 good young bulls ready for service. Genuine foundation cattle. All **T.B.** and **Bangs** tested. Remember a **DISPERSION** always offers **BARGAINS. COME!**

Ask now for **FREE** catalog. Please mention this publication. Address

J. E. McBRIDE, COLUMBUS JUNCTION, IOWA

Auctioneer, J. E. Halsey

Aberdeen Angus Sales

100 HEAD
20 Bulls
65 Females

25 COWS AND CALVES—65 HEIFERS

"Fall Season's Most Attractive Opportunities"
Only 46 miles apart

ALEDO, ILLINOIS
THURSDAY, SEPTEMBER 23rd

On Thursday, September 23rd, **MERCER COUNTY** Breeders hold their 33rd semi-annual sale. An event yearly looked forward to by buyers of good individuals, well-bred cattle, offered in condition that insures their future usefulness. In this sale no effort has been made to create a high average, but cattle have been listed that have been in past years profitable for their breeders and will continue to be for their buyers. Whether it is a foundation for commercial or range herds . . . or choice additions to established herds where the best individual merit and choicest blood lines are demanded . . . they will be sold in this sale, in numbers that will insure those attending unrivaled selections. 10 BULLS, all young and of good type and blood lines . . . **25 cows** with calves at foot . . . the calves sired by and cows rebred to the country's better Herd Sires. **65 Heifers** either bred or open . . . as choice a group as will sell in any sale this season. Their sires are bulls with reputation as sires of the best and most profitable type and representing families of the most popular and constructive tribes the breed has produced. Ask for **FREE** catalog. Please mention this publication. Address

HUGH McWHORTER, Secy., ALEDO, ILLINOIS

MERCER COUNTY ABERDEEN-ANGUS ASSOCIATION

Auctioneer, Roy Johnston J. E. Halsey, Fieldman

A Complete Dispersion

100 HEAD
20 Bulls
60 Females

30 COWS AND CALVES—30 HEIFERS

GALVA, ILLINOIS
FRIDAY, SEPTEMBER 24th

On Friday, September 24th, the Armaghdale Farm herd of **Johnstone Bros.,** Galva, Illinois, will be dispersed. This is one of the Corn Belt's better herds . . . founded on the most popular strains of the breed and improved by sires of the best type and constructive blood lines. It includes their senior Herd Sire, **EILEENMERE 610th,** a son of the great sire, Eileenmere 85th and three tried sons retained for Junior herd sires. Also 6 of his better 1947 sons and a choice grandson of the **$30,000 EILEENMERE 487th** . . . from a dam by Eileenmere 85th. **31 Cows** with calves at foot, mostly by **Eileenmere 610th,** with 25 that are early calves that will be offered separate from their dams and which will offer unequalled selections by **4-H** and **F.F.A.** members to purchase their next year's projects. **30 Cows** and **Bred Heifers,** many of which will calve before sale time. Every animal sold will carry the most liberal guarantees, backed by a firm that will expect, and is able to fulfill it. Every animal in the herd is listed and will sell, and no cattle have been sold out. Only dispersions offer equal opportunities. Ask for **FREE** catalog. Please mention this publication. Address

HUGH McWHORTER, Sale Mgr., ALEDO, ILLINOIS

Auctioneer, Ray Sims J. E. Halsey, Fieldman

NOTE: Cattle purchased in either sale will be assembled FREE for purchaser

THE JOHNSON-SAGGAU SALE

RICHLY BRED HEREFORD CATTLE

DENISON, IOWA, SEPTEMBER 16th

40 FEMALES — 8 BULLS

From the herds of **HENRY SAGGAU, Denison, Iowa,** and **HARVEY W. JOHNSON, Exira, Iowa,** two of the best bred herds in the state of Iowa.

At the head of the Henry Saggau herd is W.H.R. Helsman 73rd, son of the W.H.R. Proud Princeps 9th, assisted by W.H.R. Royal Duke 2d and H. S. Comprest.

At the head of the Harvey W. Johnson herd stands that great bull, Comprest Prince 12th by Comprest Prince, assisted by Captain Bruce (by Captain Comprest), and a son of Baca Elation. Twenty-seven of the cows sell with calves at foot, both bull and heifer calves, and are very fine prospects for future herd use, and outstanding 4-H prospects.

Henry Saggau is selling 16 very choice cows and 4 bulls. His cows have Real Prince D 159th, W.H.R. Royal Duke 2d and other popular breeding.

Harvey W. Johnson is selling 17 very choice cows with calves at foot by Comprest Prince 12th, 6 heifers and 4 bulls. Cows carry Battle Mischief 7th Jr., Baron Domino 4th Jr., Dandy Donation, Royal Domino 110th, Evan Domino and other popular breeding.

The breeding of these two herds comes direct from some of the most popular breeders in the Hereford breed—for instance, the Wyoming Hereford Ranch, Cheyenne, Wyo.; Otto Fulcher, Holyoke, Colo.; Roy E. Armstrong, Raton, N. M., and H. H. Forney, Lakeside, Neb. You are going to be pleased with the cattle that these two well known breeders are selling in this sale, so please come and help yourself to a good useful lot of popular bred Hereford cattle. By all means write for their **free** catalogue and when asking for it please mention Wallaces' Farmer and Iowa Homestead. Address

HARVEY W. JOHNSON, EXIRA, IOWA

Auctioneer, J. E. Halsey — M. T. White, Fieldman

A Polled Hereford Dispersion

In sanitary pavilion located 20 miles west of Des Moines at

ADEL, IOWA
TUESDAY, SEPTEMBER 14th

The Kind That Please

Domino Mischief 18th

40 LOTS

31 RICHLY-BRED COWS AND HEIFERS
MANY SELL WITH BIG LUSTY CALVES AT FOOT
8 BULLS—1 HERD BULL, 2 TWO YEAR OLDS
5 YEARLINGS

A Herd where well-bred cattle have been produced for years, and this is a complete **DISPERSION,** every one sells without reserve. A grand lot of breeding cows . . . most all sell with calves at side by **DOMESTIC MISCHIEF 18th,** a son of Domestic Mischief out of a **WOODROW 30th** Dam, an intensely-bred Anxiety sire. Seven of the calves at foot are by a son of **T. DOMINO PRESIDENT 10th.** Many of the cows with calves are rebred . . . **QUICK PROFIT** for the buyers. The 8 bulls include herd bull material. **DOMESTIC MISCHIEF 18th,** the tried and proven sire sells. Two excellent 2-year-old bulls, one the son of **T. DOMINO PRESIDENT 10th** and the other by **DOMESTIC MISCHIEF 18th.** Five good yearling bulls ready for service by **T. DOMINO PRESIDENT 10th,** the great breeding son of Polled President, Jr.

Remember, it is always a **DISPERSION** where **BARGAINS** are obtained. Plan to attend. Ask now for **FREE** catalog. Kindly mention this publication. Address

H. V. McLEOD, ST. CHARLES, IOWA

Auct. Guy Pettit. — J. E. Halsey, Fieldman

Try the NEW LIGHT-HEARTY . . .

SCHMIDT'S CITY CLUB BEER

JACOB SCHMIDT BREWING CO., ST. PAUL 1, MINNESOTA

BIGGER 'N BETTER — **DAIRY CATTLE CONGRESS** — **COME ONE COME ALL**

The Dairy Industry's NATIONAL Exposition

Through 36 brilliant years the Dairy Cattle Congress has served the great industry it represents. This year it is designated as the national show for the Holstein, Guernsey, Brown Swiss and Ayrshire breeds. The Jerseys and Milking Shorthorns will also have great shows. All of the national dairy judging and demonstration contests as well as dozens of colorful educational displays will provide a greater, grander show for 1948.

Added ★ Attractions!

NATIONAL BELGIAN HORSE SHOW

★ International Waterfowl Show
★ 4-H Club Heifer Show
★ Complete Women's Dept.
★ American Poultry Congress
★ Mid-West Saddle Horse Show
★ Garden and Flower Show

MID-WEST INDUSTRIAL EXPOSITION

JUDGING DATES: Milking Shorthorns, Oct. 4 and 5; Guernseys and Jerseys, Oct. 5 and 6; Ayrshires, Oct. 6 and 7; Holsteins and Brown Swiss, Oct. 7 and 8; Belgians, Oct. 4, 5, and 6; all 4-H Heifers, Oct. 9. Come when your favorite breed is in the ring.

Thrilling Hippodrome Show Twice Daily

THIS YEAR — OCT. 4-10 — WATERLOO IOWA

Announcing George D. Gates & Sons

Registered Holstein Dispersion

Held on farm, 10 miles northwest, good gravel road. Watch for Sale signs.

JAMESPORT, MISSOURI

WEDNESDAY, SEPTEMBER 15, 1948

STARTING AT 1:00 P. M.

55 HEAD—Top quality Registered and Holsteins sell, backed by plenty of **TYPE** . . . **BREEDING** and **PRODUCTION.** 1 herd sire, **PAGANOK RAG APPLE AVENGER** 880805, calved May 11, 1944, bred by Scott Meyer, Hannibal, Mo., by Hayes Sunny Alaconda 819998, Dam Cream Hill Ja Verlee Beauty 1063536. 2 young by above sire. **24** cows, good ages, many milking heavy, and many heavy producers. D.H.I.A. Tested . . . high herd average. Many popular blood lines represented. **10** bred heifers, due this fall with first calf. **18** open heifers. The offering is sired by the following bulls: **CLYDE HILL SIR MATADOR SEGIS** 702442, by Farmington Mead, **CALLAWAY MATADOR BEAUTY ABEL** 72[illegible] Matador Beauty Junior, **U-MO VESPER MAN-O-WAR JACK** 727064 by Man-O-War 60th and **PAPOOSE ORMSBY PIETERTJE** 640083 by Prime Ormsby Mutual Papoose. A clean herd throughout . . . All **T.B.** and **Bangs** tested and found to be clean, will be tested again within 30 days. Individual health [illegible] furnished. Herd Mastitis Free. Mr. George Gates is retiring, hence herd is for sale. Ask for **FREE** catalog. Please mention this publication. Address

DONALD J. BOWMAN — LIVESTOCK SALES SERVICE — **HAMILTON, MISSOURI**

Auctioneer, Bert Powell — Pedigrees, Glen G. [illegible]

Missouri State Shorthorn Sale

At the Farley sale pavilion

SHOW 9:30 A. M. — **SALE** 1:00 P. M.

CHARLES GARDEN, Judge

Chillicothe, Missouri, Tuesday, September 28th

14 BULLS — **30 FEMALES**

One of the finest lot of cattle ever presented by the **MISSOURI** breeders. Real Herd bull prospects, foundation females, prize-winning quality and at prices anyone can afford to pay. The consignors are: EDGERTON WELL'H, Chillicothe; R. C. BOERER, Salisbury; W. A. COCHEL, Kansas City; UNIVERSITY OF MISSOURI, Columbia; J. L. HERTZLER, Atlanta; JOE BROWN, Clarence; ARTHUR G. GAGLE, Charleston; W. C. KITTLE, Queen City; ALBERT B. DUNHAM, Callao; and Mr. and Mrs. W. G. KINSIE, Verona, Mo.

SHORTHORNS lead in the production of **BEEF** and **MILK** on Corn-Belt Farms . . . they can't be excelled for Cross-breeding. Make selections here. **COME!** Ask now for **FREE** catalog. Kindly mention this publication. Address

MERVIN F. AEGERTER, Sale Mgr. — **SEWARD, NEBRASKA**

Auctioneer, J. E. Halsey

COMPLETE DISPERSION

REGISTERED BELGIAN HORSES

21 Mares and Fillies
4 Stallions

FRIDAY, SEPT. 24th

GUTHRIE CENTER, IOWA

Sale held at the fair grounds in town. All sorrels with white points. Two Palominos, one chestnut American saddle filly. Matched teams. Splendid individuals. If you are interested in buying some choice Belgians or Palominos we certainly have them for you in this sale. Write for catalog and please mention Wallaces' Farmer and Iowa Homestead. Address

W. C. GROW
Guthrie Center, Iowa

Cols. Lewis Hansen and Merle Sloss, Auctioneers

5th Annual Northwest Iowa

SHEEP BREEDERS SALE

Clay County Fairgrounds

Spencer, Iowa, September 25

1:00 P. M.

50 HEAD RAMS and EWES

A choice consignment of the following breeds:

SHROPSHIRE	HAMPSHIRE
OXFORD	CHEVIOT
SOUTHDOWN	SUFFOLK

Ask for **FREE** catalog. Please mention this publication.

WILBUR GOEDICKE, Sec., SPENCER, IOWA

6TH ANNUAL SOUTHWEST
Iowa Purebred Sheep Breeders Association

RAM SALE

Sale Barn

CRESTON, IA., MON., SEPT. 20

40 HEAD RAMS

HAMPSHIRE — SHROPSHIRE — OXFORD

If you are in the market for a good **Ram**, we invite you to attend this sale . . . because they will be better than ever before. Ask for **FREE catalog.** Please mention this publication. Address

DWIGHT CARMICHAEL, Secy.
Villisca, Iowa

Top breeding stock at the

NATIONAL BARROW SHOW

AUSTIN, MINN., SEPT. 13-16

to be sold at in line prices for Market Hog Producers

AUCTION SCHEDULE

Wednesday, Sept. 15—8:00 a.m. Yorkshire, Tamworth, Chester White
1:00 p.m. — Berkshire, Poland China, Duroc
7:00 p.m.—Hampshire, Hereford, OIC

TRACTOR PARTS—New and used. Satisfaction guaranteed. Write for free catalog. USED TRACTOR AND PARTS CO., LaCrosse, Wis.

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65 Purebred Aberdeen Angus 65

CLUB CALVES

Will Sell at Auction
IN OUR SALE PAVILION
OSCEOLA, IOWA

SEPTEMBER 11, 1948

Sale Starts at 1:30 P. M.

50 1948 Bull Calves
10 1948 Heifer Calves
5 1947 Open Heifers

This fine lot of calves was produced on our farms and are sired by the top individuals of our select battery of ten herd bulls.

Come early—make your selections. Calves will be lot numbered and full breeding information will be available.

HARKEN FARMS

OSCEOLA, IOWA

Lunch on Grounds

SHOW CALVES—Edwin Henry, Indianola, with other **4-H Club Boys** will exhibit their prize-winning 1946 and 1947 club calves which they purchased at our prior Club Calf Sales, in our pavilion.

ANNUAL NORTH CENTRAL

Missouri Angus Breeders

SHOW and SALE

10:00 A.M. 1:00 P.M.

In comfortable pavilion

CHILLICOTHE, MISSOURI

WEDNESDAY, SEPTEMBER 15th

67 HEAD—7 Good Bulls—60 Choice Females

An excellent offering selected with care from the best herds in this section. **"THE HOME OF GREAT BULLS."** Choice cows and calves and rebred . . . bred cows and heifers and open heifers. All rich in pedigree. A choice lot of real herd bull prospects. As a special attraction an extra choice breeding bull which is a choice son of **BAR PRINCE 2d OF SUNBEAM** by the famous Black Prince of Sunbeam. A real sire for someone. Other good bulls of equal merit and ready for service.

This is an ideal place to secure well-bred cattle, the large number of good breeders affords a wide selection of top cattle. All **T.B.** and **Bangs** tested. Plan to attend. Ask for FREE catalog. Please mention this publication. Address

A GOOD PLACE TO BUY . . . WHERE CATTLE NEVER SELL HIGH

Lewis Anderson, Secretary, Chillicothe, Missouri

NORTH CENTRAL MISSOURI ANGUS BREEDERS

Auctioneer, Roy Johnston J. E. Halsey, Fieldman

A HEREFORD SALE

Owned by **SISK BROS.**, Grant City, Mo.

(To be held in sale pavilion on Highway 169, just south of State line)

Grant City, Missouri, Thurs., Sept. 16th

100 REGISTERED CATTLE

A well-bred offering including 30 breeding cows with calves at foot and most all rebred. All good ages. Two herd bulls **ONWARD BLANCHARD** 4880630 and **MR. VAGABOND** 4863755, both grandsons of Onward Vagabond. One yearling bull. 12 bred cows, some to calve soon . . . 7 desirable 2-year-old heifers and 18 splendid yearling heifers. The herd features the blood of **ADVANCE A. L. DOMINO** 3200683; **BEAU BLANCHARD JR.** 2215280; **DOMINICK 14th** 2360597 and **ADVANCE PUBLICAN** 4th 4327179. Good blood lines. An opportunity to buy well-bred cattle in pasture condition . . . the profitable kind. All **T.B.** and **Bangs** clean. Individual health papers furnished. Plan to attend. Ask for **FREE** catalog. Please mention this publication. Address

DONALD J. BOWMAN, Sale Mgr. **HAMILTON, MISSOURI**

Aucts. Fred Chandler and C. R. Dawson

4TH ANNUAL IOWA STATE

BROWN SWISS SALE

At Dairy Cattle Congress grounds

Waterloo, Iowa, Wed., Sept. 22

55 FEMALES — 5 BULLS

A choice selection of excellent cattle selected with care from the best herds of the state. Good individuals, well bred, with type and production. Plan now to attend. Ask for **FREE** catalog. Kindly mention this publication. Address

FRANK M. GILMORE, Secy., JEFFERSON, IOWA

—SAVE MONEY THE EASY WAY—BUY SECURITY BONDS NOW—

PAW TUCKER—They All Want to Mow When It's a Power Mower

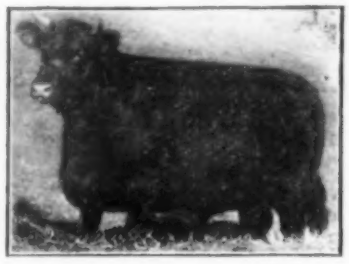
P. A. RASMUSSEN & SONS — FRED GUGISBURG

SHORTHORN SALE

(To be held at fair grounds sale pavilion)

HUMBOLDT, IOWA, WEDNESDAY, SEPTEMBER 22d

Edellyn Royal Leader 29th, purchased in 1946 International congress by Rasmussen's for $7,200. Many females carry his valuable service.



Marian M. 6th, selling as lot 14, a daughter of our bull Edellyn Marine Mercury and mated to Edellyn Royal Leader 29th, our great herd sire.

YOU CAN "TIE TO" THIS KIND WITH CONFIDENCE

60 LOTS
- 13 Grand Cows and 13 big Calves go Free with Dams
- 29 Beautiful Richly-Bred Heifers, mostly bred —A few open
- 18 High-Class Herd Bull Prospects

These two herds offer 60 lots that make up some of the most outstanding cattle of the year to sell at auction. The 18 bulls will please . . . real herd bull prospects for pure-bred herds. They are rugged, good headed, heavy bone, thick-fleshed bulls for Commercial, Farm and Range herds. 42 excellent females . . . the real **MILK** and **BEEF** producers. 13 choice breeding cows with big lusty calves at side and remated . . . **QUICK-PROFIT** for the buyers. 29 beautiful young heifers . . . mostly mated to the great sires . . . a few are open.

P. A. RASMUSSEN & SONS, Goldfield, Iowa, offer **36** lots, **13** splendid bulls all sons of **EDELLYN MARINE MERCURY** and **NEWALLYN ROYAL CHARTER**, all ready for heavy service. **23** carefully selected heifers . . . the tops from the herd of over **200** head and mostly mated to the **$7,200.00 EDELLYN ROYAL LEADER 29th**, top selling bull at 1946 International Congress sale, Chicago, (Illustrated here.) Note the daughter of **EDELLYN MARINE MERCURY**, (shown above) . . . merely a fair sample of the heifers.

FRED GUGISBURG, Renwick, Iowa a complete **DISPERSION** of his herd. There are **5** bulls including the fine young herd sire **GOLD NUGGET 2d**, a son of the 1942 Denver Grand Champion **N. U. GOLD NUGGET**. Also a real young prospect by the Canadian-bred **KILLEARN NORSEMAN 3rd**. The females are the kind that are only offered in a **DISPERSION** sale . . . all daughters of good prominent bulls and **13** cows that have big rugged calves at side by **EDELLYN PROVISO MERCURY**. The entire offering **T.B.** and **BANGS** tested and vaccinated and sell fully guaranteed. Plan now to come. Ask for the **FREE** illustrated catalog, sent only on request. Kindly mention this publication. Address

MERVIN F. AEGERTER, Sale Mgr. **SEWARD, NEBRASKA**

Auct. J. E. Halsey — Maurice W. Boney, Fieldman

The 9th Southwest

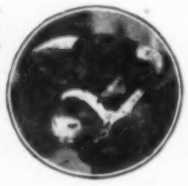
Iowa Shorthorn Breeders Assn.

SHOW and SALE

9:30 a. m. 1:00 p. m.

Dale Bellows, Judge

Comfortable pavilion



Red Oak, Iowa, Monday, September 13

24 Excellent Bulls—27 Attractive Females

POLLED SHORTHORNS and SHORTHORNS

CONSIGNORS	Bulls	Females
Auracher & Niehaus, M Clelland	0	2
D. E. Bowers & Sons, Massena	0	1
LeRoy Brown, Corning	1	1
Donald Bruce, Hasting	0	1
F. R. Burnham, Lewis	1	0
Cumberland Stock Farm, Manilla	3	0
Will A. Davis & Son, Oakland	1	0
Elvedee Farms, Hepburn	1	1
Lisle Farquhar, Coin	2	2
Mrs. Thera Ferrell, Randolph	1	0
Luther Goldberg, Essex	1	1
Claire Green & Son, Orient	1	1
Harold J. Hart, Villisca	1	1
Richard Hart, Villisca	1	0
O. R. Hyde, Hastings	0	2
Max Isaacson, Stanton	0	1
J. N. and J. L. Johnson, Sidney	0	2
Lou Kennedy & Sons, Lewis	1	0
S. H. Kline, Clarinda	0	2
Matt Laughlin, Emerson	1	1
Lomas Farms, Villisca	1	2
Tip Lucas & Son, Lenox	0	1
McCone Bros., Botna	0	3
Malmberg Bros., Villisca	0	1
Ray D. Nickle, Clearfield	4	0
James L. Petersen, Exira	1	0
R. E. Phillips, Red Oak	1	0
Ralph Van Pelt, Corning	0	1
Otis Westphal, Corning	1	0

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SALE AT 12:00 NOON

Our Club Calves are sponsored by Southwest Shorthorn and Polled Shorthorn Breeders . . . they comprise bulls, steers and heifers, ideal for 4-H and F.F.A. members ready to go right ahead. They have scale, substance, uniform color and pleasing type. **SHORTHORNS** and **POLLED SHORTHORNS** are always ahead in **TYPE, QUALITY** and **PERFORMANCE.**

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"MONTY FESTO"

Red Oak, Iowa, September 13, 14, and 15

Horse Show, Team Pulling Contest, Big Parade, Company M, Army and Navy, Floats, etc., Auto Show, Tractor and Farm Implement Show, Manufacturers and Distributors Show and Display. Show and Sale of **SHORTHORNS, POLLED SHORTHORNS, BREEDING CATTLE** and **4-H CLUB CALVES.**

Advertisement

From where I sit ... *by* Joe Marsh

Jeb Had the Folks in Stitches!

At the Friday Night Social, Jeb Crowell had the audience in stitches—doing a take-off on the blustering character who belittles everybody and everything that isn't from his own home town.

Well, we can laugh at that sort of character because from where I sit, Americans are just the opposite. We like to boast a bit perhaps, about the paint job on the new barn, or the missus' style of cooking—but we aren't intolerant of people who don't think or act exactly the same way we do.

In our town, for instance: Some folks like band concerts, others don't — some families serve beer with dinner, others, buttermilk — and as for politics, there's plenty of healthy disagreement.

But when it comes to denying folks the *right* to think or act as they choose . . . no, we're like you —we don't believe in it, whether it goes for serving beer, or speaking one's mind on public affairs.

Joe Marsh

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A Minnesota No. 1 Boar

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Woolstock, Iowa

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50 SPRING BOARS — 6 FALL BOARS
2 HERD SIRES — 30 SPRING GILTS

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In new modern Rolston sale pavilion

SHELDON, IOWA

Starting at 12 Noon

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250 HEAD

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20 REGISTERED FEMALES - 10 TOP BULLS
both serviceable age and bull calves.

70 HIGH GRADE COWS AND HEIFERS

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Cows and heifers and the tested sire, THOMAS X DOUBLE ROYAL. Also 50 high-grade JERSEY-HOLSTEIN and GUERNSEY cows and heifers in milk. Also a practically new Farmall 4 and a new Ford tractor and equipment sell, starting at 10:30 A. M. Ask for FREE catalog. Please mention this publication.
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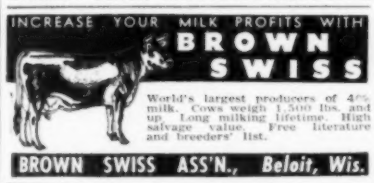

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Mostly SHROPSHIRES and HAMPSHIRES
A top consignment, excellent quality and rich breeding. Ask now for FREE catalog. Please mention this publication. Address
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ENGLISH SHEPHERD, OR COLLIE PUPS for watch and stock. Also registered Scotch collies. Reasonable.
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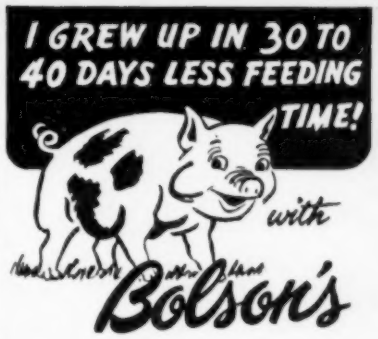

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A choice consignment of grand individuals, selected with care from 27 of the best herds in the state. They are well-bred and display real quality. Herd bull prospects and females of foundation character. COME! Ask for FREE catalog. Please mention this publication. Address
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A grand cow herd headed by great sires **Edellyn Marine Mercury** sire of top selling cattle and **Edellyn Royal Leader 29th**

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Outstanding herd, headed by **GOLDFINDER'S CHAMPION** International Champion. Good bulls and females offered.

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Choice, thick, well-fleshed bulls by **EDELLYN ROYAL LEADER 31st** and heifers by **EDELLYN RIVAL MERCURY** bred to "31st". Write

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A large herd headed by **SCOTSDALE BARON** (Imp. in Dam) and **SCOTSDALE ADMIRATION**

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by Millhill Starry Archer (Imp.) sire of Congress Champion heads our herd. Two bulls by him. Reasonable. See them.

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Outstanding small herd of grand breed cows, herd sire BLYTHWOOD NATIONAL COMMAND. Write me for shorthorns.

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the Sioux Empire Champion, heads our herd. Offering some good young bulls and choice heifers. Reasonable. Write or see them.

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A few young bulls of excellent type and pedigree. Our new herd sire, **Don Hill Royal Leader 12th**, is being assisted by **Beathton Commander**.

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by our herd bull CURTISS GANDY MERCURY 2d, a son of Edellyn Peerless Mercury, 1945 Denver Grand Champion. Priced reasonable.

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MARELLBAR IAN (Imp.) and
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Good ones, richly bred. One of the best herds in Iowa, representing leading families. The best bulls and females on the farm we have ever produced. Cattle for sale. Visitors always welcome. Come.

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EDELLYN CLIPPER MERCURY

CLYDE PALMER
Harris, Iowa

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Choice, well bred Scotch bulls, red and roan, sired by **GOLDFINDER IMAGE** and **GOLDFINDER AGAIN**, and out of my best Scotch-bred cows. If you are looking for a good bull, come see them. I can fit you out. Act now.

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LAMONI, IOWA

Breeder of strictly high class Scotch Shorthorns. Our herd bulls are **VICTOR'S MANDATE**, a son of Haigler's Victor 2d and **NEWALLYN ROSEWOOD KING** by Newallyn Crocus King. Families: Rosewoods, Augustas, Claras, Princess Royals. Will have some outstanding club steers for sale this fall. Visitors always welcome.

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Choice Polled Bulls by **MISTY VALE COMMANDER** and females mated to **STARDALE LEGEND**.

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Choice quality, rich breeding. Reasonable.
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Because of ill health, retiring to smaller farm. Will sell nearly all the herd. **Bulls** 2 to 14 months old. **Females** 2 months to mature cows. Best of **Bates, Clay** and **Imported** English families, with highest milking ancestry possible to obtain. **Priced to sell.** Also **White Collie** Puppies, guaranteed natural herders.

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Choice bulls and females, desirable quality. **RUTH B.** blood lines. **21,641** lbs. milk and **956.7** lbs. butterfat. **REASONABLE.**

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PARAGON HERD

MILKING SHORTHORNS, a choice dark red bull **13** months old, also good younger bulls, out of **RECORD OF MERIT** cows. **PRICED RIGHT.** Act now.

HANS C. GULDAGER ACKLEY, IOWA

Buy a Bond Today!

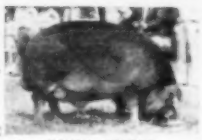
LEADING HOG BREEDERS

DUROC JERSEYS

Over 30 years of breeding quality DUROCS.

Herd Sires:
LUCKY PROMOTER, ROYAL DIAMOND, FANCY LEADER.

1947 Minn. Gr. Champ. Sale OCTOBER 6. Ask for FREE catalog.


FANCY LEADER

JUHL BROS. LUVERNE, MINNESOTA

THE FUTURE

Ask for **FREE** catalog of our Duroc sale OCTOBER 4. Featuring the services of

THE FUTURE
and
STARDALE LAD.

Let us know your Duroc needs.

WALTER RIEBESELL CALUMET, IOWA

THE PILOT

Outstanding boar prospects sired by will be featured in our annual Duroc sale OCTOBER 5th. Ask for **FREE** catalog. Breeding stock with quality and production at reasonable prices. Write or visit

BERT BROEK & SONS
Sioux Center - - - - - Iowa

IOWA PRINCE

First prize Sr. Yr. **Duroc** boar at Iowa and **STURDY LAD** are at the head of our choice herd. Boar and Gilt sale OCTOBER 8. Write for free catalog.

CORWIN C. PEER ALGONA, IOWA

POLAND CHINAS

A selected **Poland China** herd combining production and leading bloodlines.

Fall sale **OCTOBER 13.**

Ask for Free catalog.

Quality breeding stock at all times. Visit the farm.

BLOOD BANK

EMMERT FARM MASON CITY, IOWA

POLAND CHINAS
"THAT FILL THE BILL"

Size, length, quality and prolificness by **BEST DIMENSIONS, BROAD BOMBER, NEWS BOY** and **PRINCE FORMATION**. Best in breeding. **SEPT. 27th—BOAR AND GILT SALE**
Ask now for **FREE** catalog, or call

JOHN SUPPLE or **J. J. HUBER**
Ryan, Iowa **Ceggon, Iowa**

HILLBROOK POLAND BOARS

Hillbrook Farms, formerly owned by Chas. F. Schrunk & Sons, now owned by **OTTO F. SCRUNK & SONS**, offer some outstanding boars with quality and popular blood lines as the farm has produced in the past 40 years. **REASONABLE.**

OTTO F. SCHRUNK & SONS
Mapleton, Iowa

50 YEARS

as breeders of quality Poland Chinas. We offer a grand selection of spring boars from a large herd. Prices reasonable. Visitors always welcome.

H. F. OLERICH & SONS ROLFE, IOWA

CHOICE POLAND BOARS

I am now ready to sell you one of the best boars you have ever owned. They are bred in the purple and are choice. Good individuals and well-bred. Write or come and see them. You can get your pick of these boars now. If you want a good Poland China boar see me first.

NICK N. KIRSCH CARROLL, IOWA

QUALITY POLAND CHINAS

Bred, fed and developed for their future usefulness. Fall sale October 25 (Night) at Algona Fairgrounds. Visit our pens at the Spencer Fair.

LOUIS J. REILLY LONE ROCK, IOWA

30 POLAND BOARS

I have 30 head Poland China boars that are ready to go. I have some grand good boars, well-bred and good individuals. Write to me or come and see my boars. Reasonable.

LYLE COCKERTON
WHITING, IOWA

POLAND CHINAS
THAT DO WELL FOR OTHERS

Visit our pens at Spencer Fair, September 13 through 18. Fall Boar Sale October 12. Ask for FREE catalog.

OSCAR D. LARSON
Clarion, Iowa

BERKSHIRES

BERKSHIRE BRED SOWS

Choice Berkshire bred sows for September farrow. These are fall and tried sows and good sows. If you want them get in touch with me at once as I want to move them. Address

JOHN H. FITCH LAKE CITY, IOWA

HAMPSHIRES

CHOICE HAMPSHIRE BOARS

We have some of the best we have ever raised. These are well-bred and good individuals. Come and see them and get your pick. Address

PHILLIP JOHNSON & SONS BLENCOE, IOWA

MAKE MORE FARM PROFITS!
RAISE MILKING SHORTHORNS
—4% MILK and GREATEST SALVAGE VALUE

Official as well as "on the farm" records under average farm conditions prove that Milking Shorthorns are best profit breed! Produce 4% milk and have greatest salvage value of all milk breeds! Get the FREE facts. Or read Milking Shorthorn Journal. Trial subscription 6 months, 50c; 1 year, $1.00.

AMERICAN MILKING SHORTHORN SOCIETY
Chicago 9, Illinois
4122 So. Union Ave. Dept. WF-52

Visit our pens at the leading Fairs

Herd sires:
OAKDALE ROYAL TOPS
Res. Champ of Mo., and
SMOOTH LEADER.
Sale OCTOBER 23.
Write for FREE catalog.

OAKDALE ROYAL TOPS

W. H. HELMKE & SONS RENWICK, IOWA

A few sows for September farrow.

Herd sire:
GOLDEN BLOCK,
an outstanding sire.

Top selection of spring Duroc boars available.

Priced to sell. Visit.

GOLDEN BLOCK

MELVIN JENSEN EVERLY, IOWA

DUROC BOARS AND GILTS

Sired by SMOOTH MODEL. Outstanding quality, priced to sell. Visit our pens at the Spencer Fair. Write, or visit the farm.

DOWIE E. SMITH HULL, IOWA

DUROC JERSEY BOARS

Seven good fall boars for sale and they are good. Also **50** very choice spring boars that will make good boars. These are sired by **Proud Seco Model, Prem Maker** and **Fairview Lucky Boy.** Write us or call and see them. Address

SAM ROBERTS & SONS JEFFERSON, IOWA

OCTOBER 25

Is the date of our annual **Duroc** sale. Ask for free catalog. Quality breeding stock at all times. Write or visit.

HENRY KRULL BUFFALO CENTER, IOWA

CHESTER WHITES

SUNNYCREST FARMS

Sale at Farm ¾ mile east of

Kingsley, Iowa, Tues., Sept. 28

Sale 1:00 P. M.

40 CHESTER BOARS, 10 GILTS

The pick of my herd, very choice individuals mostly by **SUNNYCREST SUPERIOR 558085** and **SUNNYCREST TOLUCA 541103.** Plenty of new blood lines for old customers. Ask now for **FREE** catalog. Kindly mention this publication.

R. A. RIEMENSCHNEIDER,
Kingsley, Iowa

IOWA CHIEF
Iowa Junior Champion

CHESTER WHITES

The best in Chester Whites. One of the finest herds, where top quality is produced. Rich breeding, excellent quality.

SALE OCT. 6
Write us.

C. T. KEEN & SONS LeGRAND, IOWA

"Bred to Please"

CHESTER WHITES

Boar and Gilt Sale at Cattle Congress Grounds on night of October 16th. Ask for FREE catalog.

HAROLD W. MILLER JANESVILLE, IOWA

SPOTTED POLAND CHINAS

Pigs Sired by BIG CHIEF

out of dams by ROCKET can be depended upon. Fall sale the night of October 8th. Spotted Polands that please the farmer and breeder alike at reasonable prices. Visit the farm.

Fred F. Goodchild & Sons, Mallard, Ia.

SPOTTED POLAND SALE

To Be Held at

ALLISON, IOWA, SEPT. 21

50 choice well-grown boars, proper type that will please Farmers and Breeders. Sired by **TRUE BEAM, RIGHT TYPE** and **LOW SET.** Best in breeding. Ask mos for **FREE** catalog. Please mention this publication.

NIEHAUS BROS., Greene, Iowa

SPOTTED POLANDS

of consistent production. Selling at fall sale at Spencer, Iowa, Fairgrounds, OCTOBER 8. Ask for **FREE** catalog. Visit the farm when in this section—always welcome.

KARL E. CARLSON LAKEFIELD, MINN.

INDICATOR

is the chief sire of our choice sale offering the night of OCTOBER 23. Ask for **FREE** catalog. Breeders of Spotted Polands that do well for others.

E. C. MARTY & SONS LUVERNE, IOWA

REGISTERED SPOTTED POLANDS

Sows and fall gilts bred for fall farrow. Also boars. A yearling boar unsurpassed in quality. First prized 4-H litter All-Iowa Fair was from herd sow bought from my herd. Established 30 years ago.

PETER WITT KEYSTONE, IOWA

SPOTTED POLAND BOARS

Choice, Registered, excellent individuals by **ROCKER CHIEF, TO-DAYS VIGOR** and **ROCKER F.B.I.** They are well-grown, proper type and **REASONABLE.** Farm 12 miles northeast. Come or write.

WM. BUCHHOLZ STORM LAKE, IOWA

MINNESOTA NO. 2 HOGS

MINN NO. 2 BOARS

March and April farrow

GORDON E. ANDERSON FAIRFAX, MINN.

Buy More Bonds

Coming Livestock Sales

ABERDEEN ANGUS

Sept. 9—Mike Cochran, A. W. Herington and Ray H. Watson, Milan, Mo.
Sept. 11—Third Annual 4-H Club Calf Sale, Harkens Farms, Osceola, Iowa.
Sept. 13—Missouri State Angus Show and Sale, Fayette, Mo.; Dan E. Miller, Secy.
Sept. 15—North-Central Missouri Breeders Assn., Chillicothe, Mo.; Lewis Anderson, Secy.
Sept. 20—Central Iowa Breeders, Marshalltown, Iowa; Clair G. Mason, Mgr., Marshalltown, Iowa.
Sept. 23—Mercer County Breeders, Aledo, Ill.; Hugh McWhorter, Secy.
Sept. 24—Dispersion, H. C. Johnstone Sons, Galva, Ill.; Hugh McWhorter, Sale Mgr., Aledo, Ill.
Oct. 1—Northeast Missouri Breeders, Memphis, Mo.; W. R. Dierks, Secy.
Oct. 4—Nodaway County Breeders Assn., Maryville, Mo.; F. B. Houghton, Secy.
Oct. 5—Harry C. Meredith, Searsboro, Iowa.
Oct. 13—Interstate Aberdeen Angus Breeders Association, Sioux City, Iowa; P. K. Pratt, Secy., Walnut, Iowa.
Oct. 14—Dispersion. Frank Whitehead, Kahoka, Mo.
Oct. 16—Central Illinois Breeders, Congerville, Ill.; Simon E. Lantz, Secy.
Oct. 9—Chariton Valley Breeders Assn., Kirksville, Mo.; Otto Shinn, Secy.

HEREFORDS

Sept. 16—Henry Saggau, Denison, Iowa, and Harvey Johnson, Exira, Iowa; sale at Denison, Iowa.
Sept. 16—Sisk Bros., Grant City, Mo.
Sept. 21—J. E. McBride, Columbus Jct., Iowa.
Sept. 29—Wiese Bros., Donohoe, Iowa.
Sept. 30—Chas. Wooster, Manning, Iowa; sale at Audubon, Iowa.
Sept. 30—Putnam & Harley (Dispersion), Bedford, Iowa; S. J. Harley, Mgr.
Oct. 4—Midiowa Hereford Assn., Marshalltown, Iowa; Mrs. Harold J. Peterson, Secy., Liscomb, Iowa.
Oct. 5—North-Central Missouri Assn., Chillicothe, Mo.; Mrs. Arian Cowgill, Secy., Milan, Mo. Rt. 3, Oxford, Iowa.
Oct. 12—Reed-Hayden-Granfield Sale, at Creston, Iowa; T. M. Hayden, Mgr., Creston, Iowa.
Oct. 14—Etnyre Hereford Farms, Oregon, Iowa.
Oct. 18—Dispersion, W. W. Hodgen, Kingsley; sale at Sioux City, Iowa.
Oct. 22—Creston Hereford Breeders, Orient, Iowa; Lloyd H. Woods, Sale Mgr., Creston, Iowa.
Oct. 29—Northeast Missouri Assn., Memphis, Mo.; Geo. E. Leslie, Jr., Secy.
Oct. 26—Circle A Hereford Farm, Morris, Ill.
Nov. 8—Botna Valley Assn., Exira, Iowa; Harvey W. Johnson, Mgr.

POLLED HEREFORDS

Oct. 14—Dispersion, H. V. McLeod, St. Charles, Iowa; sale at Adel, Iowa.
Dec. 6-7—Iowa Polled Hereford Assn., Des Moines, Iowa; Leigh Curren, Secy., Mason City, Iowa.

SHORTHORNS

Oct. 13—Southwest Iowa Breeders Show and Sale, Red Oak, Iowa; Malcolm D. Lomas, Mgr.
Sept. 22—Fred Gugisburg, Renwick, Iowa, and P. A. Rasmussen & Sons, Goldfield, Iowa; sale at Humboldt, Iowa; Merv. Aegerter, Mgr., Seward, Neb.
Sept. 27—Marshall County Breeders, Marshalltown, Iowa; Geo. H. Lewis, Mgr.
Sept. 28—R. C. Roeger & Sons, Salisbury, Mo.; sale at Chillicothe, Mo.
Oct. 2—Holz Bros., Rippey Iowa.
Oct. 4—Northwest Missouri Breeders, Rockport, Mo.; Jim Meyer, Secy., Maryville, Mo.
Oct. 6—Gilbert Kardel, Walcott, Iowa; Penningroth Bros., Wellman, Iowa, and Carlton Reed, Bellevue, Iowa; sale at Walcott, Iowa.
Oct. 7—Minnesota State Sale, Redwood Falls, Minn.; N. T. Findhal, Secy., Waterville, Minn.
Oct. 12—Dispersion, Blotz Bros., Dodgeville, Wis.; Hal Longley, Sale Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 22—Breeders Sale, Abingdon, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 26—Ted Whitford & Sons, Volga, Iowa, S. Davis & Son, Wadena, Iowa; Fred Rothlisberger & Son, Elgin, Iowa.
Oct. 29—George Struve & Sons, Manning, Iowa.
Oct. 30—Helfred Farms, Des Moines, Iowa.

POLLED SHORTHORNS

Oct. 5—Sioux Empire Polled Shorthorn Club, Sioux Falls, S. D.; John F. White, Secy.
Oct. 11—Iowa Polled Shorthorn Club, Des Moines, Iowa; Earl S. Girton, Secy., Marshalltown, Iowa.
Oct. 23—Illinois Polled Shorthorn Breeders, Princeton, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 25—Missouri Polled Breeders, Sedalia, Mo.; E. J. F. Early, Secy., Lexington, Mo.
Dec. 3—Otto Johnson, Lohrville, Iowa; dispersion sale at Carroll, Iowa; Merv. Aegerter, Mgr., Seward, Neb.

MILKING SHORTHORNS

Sept. 27—Eastern Iowa Sale, Cedar Rapids, Iowa; A. R. Chilton, Mgr., Sigourney, Iowa.
Sept. 28—Iowa Shorthorn Breeders, Waterloo, Ia.; Harry Clampitt, Mgr., New Providence, Iowa.
Oct. 14—Minnesota Consignment Sale, Mankato, Minn.; R. E. Hodgson, Secy., Waseca, Minn.

DAIRY CATTLE

Sept. 3—Milton Uphaus (Holsteins), Concordia, Mo.; Donald J. Bowman, Mgr., Hamilton, Mo.
Sept. 4—"Dairy Spot of Iowa," Fourteenth Annual Holstein Sale, Waterloo, Iowa; Claude E. Wylam, Mgr., Waverly, Iowa.
Sept. 9—George J. Muck (Jersey Dispersion), Trenton, Mo.; Dorris D. Brown, Sale Mgr., Columbia, Mo.
Sept. 9—Clark Schafbuch, Brown Swiss Dispersal, Ladora, Iowa; L. S. Van Auken Mgr., North English, Iowa.
Sept. 15—Holstein Dispersion, George D. Gates & Sons, Jamesport, Mo.; Donald J. Rowman, Mgr., Hamilton, Mo.
Sept. 16—High-Grade Holsteins and Guernseys, Sheldon, Iowa; Will Scott, Mgr., Cherokee, Iowa.
Sept. 22—Tri-County 22d Annual Guernsey Sale, Wellman, Iowa; Truman Erb., Mgr.
Sept. 22—Iowa Brown Swiss Assn., Waterloo, Iowa.
Oct. 12—Southeastern Iowa Holstein Breeders, Wellman, Iowa; Clark Gingerich, Mgr.
Oct. 14—Iowa State Ayrshire Sale, Waterloo, Iowa; Richard M. Sears, Sale Mgr., Grinnell, Iowa.
Oct. 18—Iowa Holstein Breeders Assn. Sale, Waterloo, Iowa; Dallas V. McGinnis, Secy., 912 Waterloo Bldg., Waterloo, Iowa.
Oct. 19—Southeastern Iowa Ayrshire Sale, Wellman, Iowa; Richard Sears, Mgr., Grinnell, Iowa.
Oct. 30—Wylamyna Invitational Sale, Holsteins, Wylamyna Farm, Waverly Iowa.
Nov. 20—Fourth Dairyland Sale, Waukesha, Wis.; Phillips Sales and Pedigree Service, Mgrs., Waukesha, Wis.
Dec. 4—"Parade of Holstein Bulls," Show and Sale, Waterloo, Iowa; Claude E. Wylam, Mgr., Waverly, Iowa.

STOCKER AND FEEDER CATTLE

Sept. 9—Oswald Strand & Sons, Manly, Iowa.

BELGIANS

Sept. 24—Dispersion, W. C. Grow, Guthrie Center, Iowa.

BERKSHIRES

Oct. 12—Hi-View Farm, Eagle Grove, Iowa.

CHESTER WHITES

Sept. 28—R. A. Riemenschneider, Kingsley, Iowa.
Sept. 30—Night Sale. Clarence Smith, Jr., Primghar, Iowa.
Oct. 2—A. L. Bidne & Son, Lake Mills, Iowa.
Oct. 6—C. T. Keen & Sons, Legrand, Iowa.
Oct. 7—Robert Lanigan, Fairbank, Iowa; Night Sale at Waverly, Iowa.
Oct. 8—Night Sale. Henry Jurgensen, Olin, Iowa.
Oct. 8—Night Sale. Ted Towbridge, Marshalltown, Iowa.

LIVESTOCK FIELDMEN

M. T. WHITE, 604 No. Fortieth St., Omaha, Nebraska. Phone Walnut 1056.
J. E. HALSEY, 1912 Grand Ave., Des Moines.
M. W. BONEY, Box 740, Storm Lake, Iowa; Phone 970-R.

We publish the FIRST and THIRD Saturday of every month. Copy for livestock advertising must reach our office FIFTEEN days before date of issue.

Around the Farm AND IN THE Feed Lot

by HOWARD MARSHALL

TEN BILLION DOLLARS is the figure for last year's U. S. livestock farmers' returns. Livestock producers received 33 cents of each dollar paid farmers in 1947. Marketing crops thru livestock has proved its soundness. Farming the livestock way maintains fertility, utilizes grasses and roughages efficiently, saves labor, converts crops into food products of greatest value to man, and assures agriculture its best returns.

WHILE IOWA LOOKS to a record corn yield, western wheat growers are pleased with their 1948 harvest. Tom Campbell, who has a 45,000-acre Montana wheat ranch, has finished a 400,000-bushel harvest. Storms reduced his yield under early indications. Fifty combines were used to harvest his crop, all of which, he says, is to be put under government loan.

WE CAN'T BE too emphatic in urging readers to line up all temporary corn storage space they can. Department of Agriculture leaders say the nation's permanent storage facilities are down badly, far below what we had before the war. With all indications of the greatest crop in history, and with sealing bound to be very popular, we'd better line up all the snow fencing, wire netting, poles or other temporary materials we can—at least for the corn we'll feed out first.

NOW THAT THRESHING is over, give any neglected spring pigs a good working over and any special attention needed. A little extra Walnut Grove can play a big part in getting these pigs back in shape. Farmers in Osceola county, Iowa, who depend on Walnut Grove, are Clarence Prohel, Hugo Peterson, Orlo Jordan, Sylvester Harmelink, Sam Hielkema and A. C. Hoper. W. H. Winters, of Ocheyedan, handles this business for us.

STOP, LOOK, LISTEN may well apply to farm economics as well as to railway crossings. Current bumper grain harvests and promising corn outlook are bound to mean lower grain and feed prices—unless some unwanted international development takes place. But livestock prices are expected to stay relatively high for at least another year. Meanwhile, the livestock-feed ratio should be favorable for a while, and certainly for stock we raise ourselves. Cattle feeders who have to buy all their stock, however, may not be very enthused. USDA officials forecast that cost of better feeders may go up to 35 cents a pound or even more this fall.

FEEDER CATTLE numbers are down drastically this year, according to figures of state and federal statisticians. For the 11 corn belt states, where major feeding is done, cattle on feed early in August were 12 per cent under a year ago—the second smallest number on record. Iowa's reduction was 26 per cent under 1947. Of Iowa steers on feed, 45 per cent had been on grain less than four months, and only 25 per cent on feed for over seven months.

THE NEW GRAIN that has just been harvested is proving a life-saver for many farmers and livestock men who have had to buy feed for most of the year. The pigs are commencing to show the good effect of this extra feed. In Woodbury county, Iowa, some of our Walnut Grove customers are Howard and Orville Stillwell, brothers on two farms, Dennis Parks, A. A. Karrer, Roscoe Riser, Julius Sorenson and Lee Beam and his son Edwin. W. E. Hill, of Moville, is handling this business for us.

FLIES CONTINUE to fly around, everlastingly looking for a place to light—preferably on or around livestock. Entomologists say fly infestation the last 30 to 60 days of the season may be severe. Farmers will want to remember that fall gains on livestock are often considered the most profitable gains—provided the animals are protected against flies. It costs less than three cents a head to ward off flies for a 21-day period, thereby preventing the pesky things from sapping our fall profits.

"PETTICOAT REBELLIONS" against high meat prices have been quite the vogue lately, but supply and demand still applies, and the fact is there's much more demand than supply when it comes to meat. That's mainly because livestock numbers are so low; but it's partially because housewives themselves are fully aware of the importance and value of good meat on their tables—and most of them want it even tho it is costly.

WALNUT GROVE MINERALS do a good job in helping to keep pigs in good condition. But we believe more pigs need worming. Walnut Grove has good wormers, and capable service men. Farmers in Hancock county, Iowa, who believe in Walnut Grove service, include Henry Hafwassen, Glen Schlinting, Raymond Barz, Arron Kreatlow, Irving Houpt, Archie Lee and Harlow Helps. Our Walnut Grove representative in that territory is Henry Nuehring, of Belmond, Iowa.

ALTHOUGH LIVESTOCK PRICES are higher, plenty of other farm items sell a lot lower today than they did seven or eight months ago. About August 1, hogs were up $6 per cwt. over last November, steers about $8 higher—but wheat was about 80 cents lower, corn down 50 cents or more on farms, butter off about 5 cents a pound and eggs 12 cents lower. It's a warning of what may be ahead on livestock, but it also indicates an inflation "stopper" at least on farms.

A NEW FORM of cholera has plagued some northern corn belt hog raisers in recent months, according to reports. The new disturbance is called "sub-typical cholera," and begins with one or two pigs taking sick and dying a few days before the others even get sick. Symptoms include weaving, muscular weakness, dysentery and chills. Minnesota vets say the disease develops slowly, but that regular cholera vaccinations will prevent the new plague from taking a heavy toll.

BEST BULL STORY in a long time comes from northwest Iowa. A man near Hull was trying to load a stubborn bull, but was having a rough time. The farmer got a great idea from the hay slings. He backed the truck nearby, hooked the team to the hay rope and got the slings in place around the bull. Then the excitement began. As the horses pulled, the air-borne animal let out a murderous bellow, the team ran, and sent the bull a-flying. By the time the farmer got to the trip rope, the bull was in the mow, madder than ever. Finally, they shot the critter and took him down piece by piece—so the tale goes. What do you think? To us, it sounds a little like "a lot of bull."

FREE CHICKEN DINNERS were to be had at Jefferson, Iowa, recently—but there was a "catch"—you had to catch a rooster to be eligible. As part of the Jefferson Chamber of Commerce poultry contest, a rooster was tossed from the roof of the Greene county courthouse every 15 minutes of the day. Well, that's one way of beating the high cost of living.

WALNUT GROVE QUALITY has been one big feature of its great success. We have always used the best ingredients; we will always do so. Some long-time customers in Dallas county, Iowa, who rely on this quality thru the years, include Galen, Will, Ira and Martin Stine, brothers on four farms, Dallas County Home, Joe Paul, Karl Heimberger and Harold Van Fossen. Claude West, of Adel, is our representative in this territory.

SCHOOL DAYS are here again, but not the way many of us used to think of them. The old red schoolhouse has almost vanished. It's nearly impossible to get teachers in some schools. It's too bad in some ways that the little country schools are disappearing. They are a tradition we hate to lose. On the other hand, larger schools do offer more adequate school facilities and generally have good teachers—and just about as much fun for the youngsters.

Coming Livestock Sales

(CONTINUED)

CHESTER WHITES (Continued)

Oct. 11—Night Sale. Joe Madden, Maryville, Mo.
Oct. 15—Night Sale. McBride Farms, Panora, Iowa.
Oct. 16—Harold W. Miller, Janesville, Iowa; Night Sale at Waterloo, Iowa.
Oct. 19—Albert K. Petersen, Denver, Iowa; Night Sale at Waverly, Iowa.
Oct. 21—Night Sale. Clarence Smith, Sr., Paullina, Iowa.
Oct. 22—Glen L. Rinehart, Britt, Iowa.
Nov. 3—Westcott Bros., Denison Iowa.
Nov. 4—Ross O. Willey & Son, Onawa, Iowa.

DUROC JERSEYS

Oct. 4—Walter Riebesell, Calumet, Iowa.
Oct. 4—Willard C. Klein, Iowa Falls, Iowa.
Oct. 5—Bert Broek & Sons, Sioux Center, Iowa.
Oct. 6—Juhl Bros., Luverne, Minn.
Oct. 7—Ernest L. McDermott, Wiota, Iowa.
Oct. 8—Corwin C. Peer, Algona, Iowa.
Oct. 9—W. M. Smith, Milford, Iowa; sale at Spencer, Iowa.
Oct. 15—J. S. Golder, Oakland, Neb., and Gilbert Langemeier, Hooper, Neb.; J. S. Golder, Mgr.; sale at Fremont, Neb.
Oct. 18—Night Sale. Carl Hebner, Jefferson, Iowa.
Oct. 21—Paul Hiveley, Duncombe, Iowa.
Oct. 23—W. H. Helmke & Sons, Renwick, Iowa.
Oct. 25—Henry E. Krull, Buffalo Center, Iowa.

HAMPSHIRES

Oct. 5—Night Sale. Elmus R. Brenneman, Wayland, Iowa.
Oct. 7—O. W. Jones & Son, Ute, Iowa.
Oct. 11—Night Sale. Frantz Bros., Grand Junction, Iowa.
Oct. 15—Night Sale. North Iowa Hampshire Breeders, Mason City, Iowa; Gilbert Behn, Mgr., Chapin, Iowa.
Oct. 18—W. W. Hodgen, Kingsley, Iowa; sale at Sioux City, Iowa.
Nov. 1—Night Sale. Matt Locatis & Sons, Fort Dodge, Iowa.

MINNESOTA No. 1 HOGS

Sept. 27—Clarence Hildebrand, Woodstock, Iowa.

POLAND CHINAS

Sept. 27—John Supple, Ryan, Iowa, and J. J. Huber, Coggon, Iowa.
Oct. 5—C. W. Crees, Bayard, Iowa.
Oct. 5—Night Sale. Lakeside Farm, Eugene Dugan, Storm Lake, Iowa.
Oct. 12—Edward E. Forest, Mt. Vernon, Iowa.
Oct. 12—Oscar D. Larson, Clarion, Iowa.
Oct. 13—Emmert Farm, Mason City, Iowa.
Oct. 13—Night Sale. Brown & Brown, Hampton, Iowa.
Oct. 14—Helgens Bros., Monticello, Iowa.
Oct. 14—B. F. Anderson & Son, Botna, Iowa; sale at Manning, Iowa.
Oct. 25—Night Sale, at Algona, Iowa. Louis J. Reilly, Lone Rock, Iowa.

SPOTTED POLAND CHINAS

Sept. 14—Cecil Wilson, Lenox, Iowa.
Sept. 21—Niehaus Bros., Greene, Iowa; sale at Allison, Iowa.
Sept. 28—Nelson & Paulsen, Blair, Neb.
Oct. 2—Night Sale. Jack Zimmerman, Earling, Iowa.
Oct. 4—John Claussen & Son, Davenport, Iowa.
Oct. 4—Julius F. Roths, Rock Rapids, Iowa.
Oct. 6—Earl Kellogg & Sons, Winfield, Iowa.
Oct. 8—Karl E. Carlson, Lakefield, Minn.; sale at Spencer, Iowa.
Oct. 8—Night Sale. Fred F. Goodchild & Sons, Mallard, Iowa.
Oct. 12—Night Sale. Gerrit J. Kempers & Son, Hull, Iowa.
Oct. 13—A. J. Anderson & Sons, Kellogg, Iowa.
Oct. 14—Night Sale. Luther Goldberg, Essex, Iowa.
Oct. 15—Miles M. Mann & Son, Woodbine, Iowa.
Oct. 19—Night Sale. Forest Jackson & Sons, Lytton, Iowa; sale at Sac City, Iowa.
Oct. 20—Walter Wellhoefer, Stratford, Wis. Night Sale at Algona, Iowa.
Oct. 22—Norris Voge, Neola, Iowa; sale at Harlan, Iowa.
Oct. 22—Night Sale. Clifford Pitstick, Jolley, Iowa; sale at Sac City, Iowa.
Oct. 23—Night Sale. E. C. Marty & ons, Luverne, Iowa.
Oct. 24—Cecil Wilson, Lenox, Iowa.
Oct. 25—Night Sale. Kenneth R. Dingel, Ocheyedan, Iowa; sale at Sibley, Iowa.
Oct. 25—Carl Hebner, Jefferson, Iowa.
Oct. 26—Homer Wicks, Radcliffe, Iowa.
Oct. 26—Night Sale. Harvey C. Larsen, Elk Horn, Iowa; sale at Harlan, Iowa.
Oct. 27—Night Sale. Alvin Sunderman & Sons, Clarinda, Iowa.
Nov. 8—Forrest Green, Orient, Iowa.

SHEEP

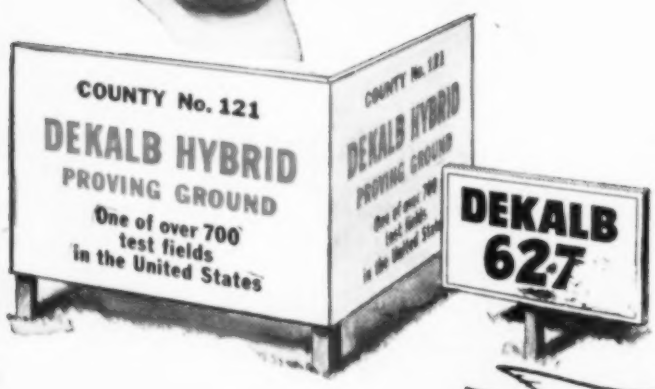
Sept. 4—Roy B. Warrick, Hampshire Sheep, Oskaloosa, Iowa.
Sept. 20—Sixth Annual Southwest Purebred Assn., Ram Sale, Creston, Iowa; Dwight Carmichael, Secy., Villisca, Iowa.
Sept. 21—Mahaska Purebred Sheep Breeders Ram Sale, Oskaloosa, Iowa; Herbert F. Hoover, Sale Mgr.
Sept. 25—Northwest Iowa Sheep Breeders, Spencer, Iowa; Wilbur Goedicke, Secy., Spencer, Iowa.

Livestock News

The Awoi Angus Farms, owned by John M. Sheets, Maquoketa, Iowa, held a sale on August 10 which brought out a good crowd from several states. The top of the sale was Chimera of Awoi, and sold for $1.260 to C. D. McPeek, West Jefferson, Ohio. Beauty of Landmere was selected by Robinson Bros., Masonville, Iowa, at $1,100. Katinka of Awoi 10th sold for $825, to Lloyd Albers, Sutherland, Iowa. Katinka of Awoi 9th brought $775, and was purchased by L. E. Blackbourn, Cassville, Wis. Katinka of Awoi 8th went to B. A. Dye, Princeton, Ill., at $750. Edella 55th of Page sold for $635 to Henry Simonsen, Dixon, Iowa. Duchess 3d of Pawnee sold for $760 to Harkens Farms, Osceola, Iowa. Miss Burgess Princess 2d went to Wm. Hansen & Sons, Dixon, Iowa, at $625. Katinka of Awoi 2d sold for $535 to Carl Barnett, Bushnell, Ill. Applewood Blackbird 72d went to Blue Bell Farm, Tipton, Iowa, at $500. The top bull was Quman of Awoi 10th, a son of Glen Erwin J., and sold for $675 to Cornelius Thines, Preston, Iowa. The seven bulls averaged $499.30 each, and the 87 females $462 each, with the 94 lots selling for $43,690, a general average of $464.80. They went to buyers in four states, distributed as follows: Iowa 74, Illinois 18, Wisconsin 1 and Ohio 1. Auctioneers, Johnston and Sims.

The North Iowa Hampshire Breeders averaged $133 on 66 bred sows in their sale at Mason City, Iowa, the night of July 29. The top price paid was $205, with several lots selling at near that figure. Farmer buyers were heavy purchasers thruout the auction. Vernon Lyford, Manly; Herbert Perl, Thornton; Field & Christiansen, Nora Springs; Theo. Heineking, Hampton, and Gilbert Behn, Chapin, are the Hampshire breeders making up this association.

See the Hybrids that are now Boosting the Nation's Corn Yield



This year, there are a dozen or more DeKalb Hybrids on test right in your own County . . . in nearly *every* County where DeKalb Hybrid Corn is grown.

Your County DeKalb Proving Ground has been planted, cared for and exhibited by local DeKalb Dealers so you can see for yourself which varieties are best for your farm. It's DeKalb's own corn "show-window"—established in your county especially for you! DeKalb Agricultural Association, Inc., DeKalb, Illinois. Commercial Distributors of DeKalb Hybrid Seed Corn.

More Farmers Plant DEKALB *than any other Hybrid*